

F.A. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	1
CONTRACT NO. 61H91				

01-20-2023 LETTING ITEM 044

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

FAU ROUTE 2678 (N. YORK STREET)  
CRESTVIEW AVENUE TO GRAND AVENUE  
ROADWAY RESURFACING  
SECTION NO.: 20-00198-00-RS  
PROJECT NO.: 0CWV(504)  
CITY OF ELMHURST  
DUPAGE COUNTY

**TRAFFIC DATA**

EXISTING ADT = 23,500 (2016)  
FUTURE ADT = 25,000 (2050)

**SPEED LIMIT:**

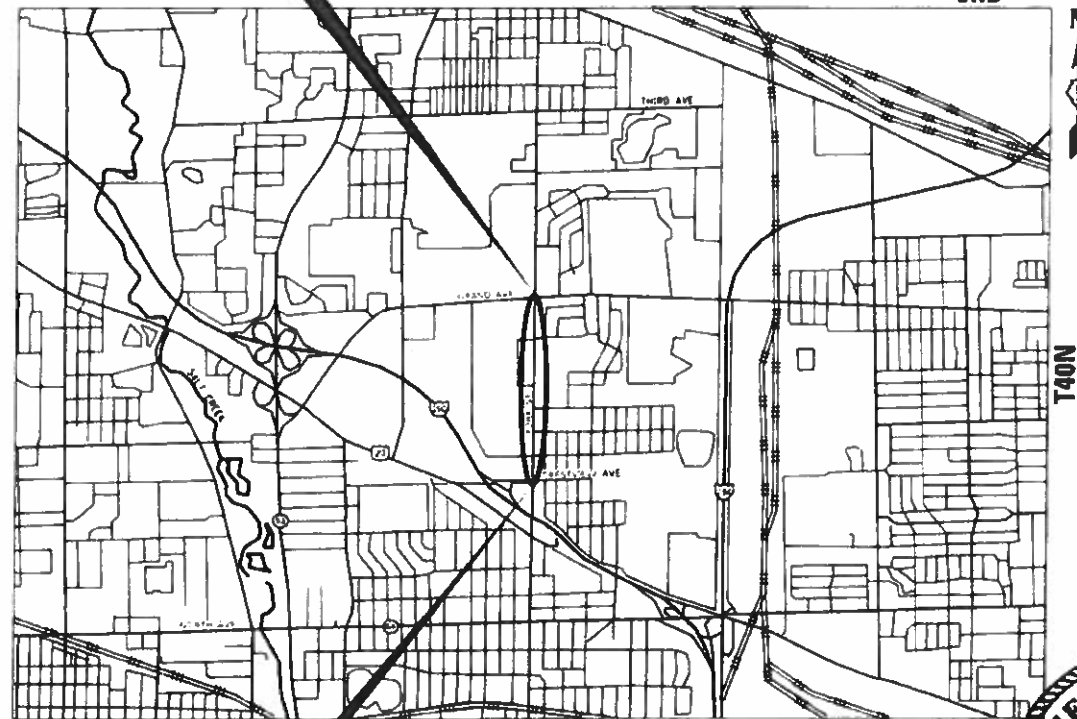
35 MPH (POSTED)

**DESIGN DESIGNATION**

MINOR ARTERIAL

END IMPROVEMENT  
STA 65 + 55.00

C-91-008-22



BEGIN IMPROVEMENT  
STA 16 + 67.00

GROSS LENGTH = 4,888.00 FT. = 0.93 MILE  
NET LENGTH = 4,888.00 FT. = 0.93 MILE



MATTHEW CESARIO  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062.066160  
MY LICENSE EXPIRES ON 11-30-23  
DATE 10-3-2022



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

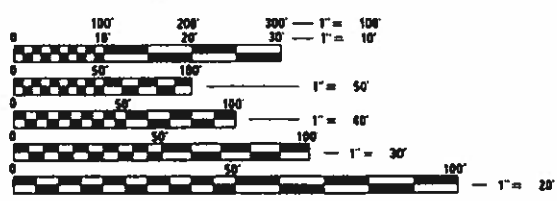
Approved: *Kent Johnson*  
KENT JOHNSON, CITY ENGINEER  
CITY OF ELMHURST

Passed: *Nov 2, 2022*  
District One Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *November 2, 2022*  
Regional Engineer

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

CONSULTING ENGINEERS **BLA, Inc.**  
333 PIERCE ROAD SUITE 200 ITASCA, IL 60143  
P: (630) 438-6400 F: (630) 438-6444 www.bla-inc.com

CONTRACT NO. 61H91

## INDEX OF SHEETS

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## HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
001006	DECIMAL OF AN INCH & OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
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606001-08	CONCRETE CURB TYPE B & COMB. CURB & GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PVMT
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM EDGE OF PVMT
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OP., FOR SPEEDS ≤40MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
886001-01	DETECTOR LOOP INSTALLATION
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

## COMMITMENTS

NONE

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2023; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL EMERGENCY SERVICES AND THE CITY OF ELMHURST USING THE FOLLOWING TELEPHONE NUMBERS:  
POLICE DEPARTMENT: (630) 530-3050  
FIRE DEPARTMENT: (630) 530-3090
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS, IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS AND REFERENCE MARKERS UNTIL THE OWNER, OWNER'S REPRESENTATIVE, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES THAT OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF IMPROVEMENT ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- THE CONTRACTOR SHALL NOT SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE CITY.
- THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, PCC PAVEMENT, AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MATCHING SHALL NOT EXCEED 1-1/2" WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1" WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH, WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINT WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE DISTRICT DETAIL "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- FOR CLASS D PATCHING, CONTRACTOR SHALL MILL BEFORE PATCHING AS DIRECTED BY THE ENGINEER.
- ALL ELEVATIONS ARE ON THE U.S.G.S. DATUM NAVD 88.
- ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
- SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER AT A RATE OF 27 GAL PER SQ YD FOR SODDED AREAS.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT NORTH AND SOUTH PROJECT LIMITS. ADDITIONAL TEMPORARY INFORMATION SIGNING SHALL BE PLACED ON ALL SIDE ROADS OR AS DIRECTED BY THE ENGINEER, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE EXACT LOCATION SHALL BE DIRECTED BY THE ENGINEER.
- ACTUAL LOCATION AND SIZE OF BASE PATCHES WILL BE DETERMINED IN THE FIELD. NO COMPENSATION WILL BE ALLOWED FOR UNUSED PATCHING QUANTITIES.
- TREE ROOT PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED SIDEWALK AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.
- WHEN CONSTRUCTING SIDEWALK RAMPS FOR THE HANDICAPPED, STATE STANDARDS LISTED IN THE HIGHWAY STANDARD INDEX SHALL APPLY. THE PROPOSED ELEVATIONS SHALL BE UTILIZED UNLESS FIELD CONDITIONS NECESSITATE DEVIATING FROM THE ELEVATIONS IN ORDER TO MEET ALL SLOPE REQUIREMENTS.
- THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS AND IN ACCORDANCE WITH IDOT SIGNING STANDARDS:
  - SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
  - EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS NEEDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
  - ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
  - ALL UNUSED SIGNS WILL BE RETURNED TO THE: THE CITY OF ELMHURST
  - LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. BOTH DIRECTIONS OF TRAVEL (1 LANE IN EACH DIRECTION) SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE ENGINEER. ANY LANE CLOSURES OR PARKING RESTRICTIONS MUST BE APPROVED BY THE ENGINEER. ALL SIDE ROADS AND DRIVEWAY ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. NO CLOSURES TO SIDE ROADS OR DRIVEWAYS SHALL OCCUR.
- PROPOSED IMPROVEMENTS SHALL BE COMPLETED UTILIZING TRAFFIC CONTROL IDOT HIGHWAY STANDARDS.
- STOP SIGNS AND STOP BARS ARE TO BE MAINTAINED ON ALL ROADS THROUGH THE DURATION OF CONSTRUCTION.
- POSITIVE DRAINAGE WITHIN THE WORK ZONE MUST BE MAINTAINED AT ALL TIMES.
- THE DETECTABLE WARNINGS FOR THE ADA RAMP IMPROVEMENTS SHALL BE SUPPLIED / MANUFACTURER: ADA SOLUTIONS, INC AND SHALL BE THE CAST IN PLACT REPLACEABLE TACTILE PANELS. THE DETECTABLE WARNINGS SHALL BE APPROVED BY THE ENGINEER.
- ANY ANTICIPATED CLOSURES TO PACE BUS STOPS FOR EXTENDED PERIODS OF TIME WILL REQUIRE A PUBLISHED NOTICE TO MAKE PUBLIC AWARE. RESIDENT ENGINEER SHALL PROVIDE PACE BUS WITH AT LEAST 2 WEEKS NOTICE OF CLOSURE.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT THE CONTRACTOR EXPENSE.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(B,C) OF THE SSRBC WILL NOT BE ALLOWED.
- HMA TEMPORARY RAMPS SHALL BE PLACED AT THE ENTRANCES WITHIN THE PROJECT LIMIT AFTER THE SURFACE MILLING HAS OCCURRED. THE RAMPS WILL BE PAID FOR AS TEMPORARY RAMP.



USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 12/6/2022	DATE - 11/02/2022	REVISED -

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### NORTH YORK STREET - ROADWAY REHABILITATION INDEX, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	2
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# 20101000	TEMPORARY FENCE	FOOT	188	188		
# 20101200	TREE ROOT PRUNING	EACH	6	6		
20200100	EARTH EXCAVATION	CU YD	810	810		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	44	44		
20800150	TRENCH BACKFILL	CU YD	5	5		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1720	1720		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1788	1788		
21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	610	610		
# 25100105	MULCH, METHOD 1	ACRE	0.39	0.39		
# 25200110	SODDING, SALT TOLERANT	SQ YD	1788	1788		
# 25200200	SUPPLEMENTAL WATERING	UNIT	97	97		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	50		
28000510	INLET FILTERS	EACH	71	71		
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	573	573		

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 100,000' = 1" = 100'	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 3
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	633	633		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	349	349		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1604	1604		
35300060	PORTLAND CEMENT CONCRETE BASE COURSE, 4"	SQ YD	273	273		
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	54	54		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	51	51		
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	212	212		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25779	25779		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	20500	20500		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	52	52		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	205	205		
40600990	TEMPORARY RAMP	SQ YD	670	670		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-4.75, N50	TON	1934	1934		
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	88	88		
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70	TON	3862	3862		
42001300	PROTECTIVE COAT	SQ YD	2505	2505		

\* SPECIAL PROVISION  
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USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 1/8" = 100.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	4
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	162	162		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	12972	12972		
42400800	DETECTABLE WARNINGS	SQ FT	220	220		
44000100	PAVEMENT REMOVAL	SQ YD	964	964		
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	34408	34408		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	570	570		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1210	1210		
44000600	SIDEWALK REMOVAL	SQ FT	7389	7389		
44003100	MEDIAN REMOVAL	SQ FT	6018	6018		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	172	172		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	258	258		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	774	774		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	516	516		
50300225	CONCRETE STRUCTURES	CU YD	144.4	144.4		

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME = ccsorio	DESIGNED - MTC	REVISED - _____
	DRAWN - MTC	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - MTC	REVISED - _____
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	5
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
* 50300285	FORM LINER TEXTURED SURFACE	SQ FT	1549	1549		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	11210	11210		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	35	35		
55100500	STORM SEWER REMOVAL 12"	FOOT	26	26		
# 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1		
58700300	CONCRETE SEALER	SQ FT	3919	3919		
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1		
60500050	REMOVING CATCH BASINS	EACH	1	1		
60500060	REMOVING INLETS	EACH	1	1		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2834	2834		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	800	800		
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	29	29		
61100605	MISCELLANEOUS CONCRETE	CU YD	23.3	23.3		

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME = ccsario	DESIGNED - MTC	REVISED - _____
	DRAWN - MTC	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - MTC	REVISED - _____
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	6
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	225	225		
# 66900530	SOIL DISPOSAL ANALYSIS	EACH	60	60		
# 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
# 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
# 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	100	100		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
67100100	MOBILIZATION	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	360	360		

\* SPECIAL PROVISION  
# SPECIALTY ITEM





CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285		285	
# 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	160		160	
# 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	287		287	
# 81400100	HANDHOLE	EACH	5		5	
# 81400200	HEAVY-DUTY HANDHOLE	EACH	1		1	
# 81400300	DOUBLE HANDHOLE	EACH	1		1	
# * 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
# 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1	
# * 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	823		823	
# 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	560		560	
# 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1454		1454	
# 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1191		1191	
# 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1888		1888	
# 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	726		726	

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME = cecario	DESIGNED - MTC	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET -- ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 7 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2678	SECTION 20-00198-00-R5	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 9
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50		50	
# 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	531		531	
# 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4	
# 87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1		1	
# 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1		1	
# 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1	
# 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1	
# 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16	
# 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4	
# 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10	
# 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39		39	
# 87900200	DRILL EXISTING HANDHOLE	EACH	1		1	
# 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5	
# 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3	

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME - casario	DESIGNED - MTC	REVISED - _____
PLOT SCALE - 100.0000' / 1"	DRAWN - MTC	REVISED - _____
PLOT DATE - 10/27/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 8 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	10
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINNEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6		6	
# 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5	
# 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8	
# 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10		10	
# * 88600600	DETECTOR LOOP REPLACEMENT	FOOT	702		702	
# * 88700200	LIGHT DETECTOR	EACH	2		2	
# * 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2		2	
# * 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
# * 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2	
# * 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1		1	
# * 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
# 89502380	REMOVE EXISTING HANDHOLE	EACH	6		6	
# * 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1	
# 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9	

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME - cesario	DESIGNED - MTC	REVISED - _____
PLOT SCALE = 100.0000' / 1in.	DRAWN - MTC	REVISED - _____
PLOT DATE = 11/22/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 9 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	11
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# * A2004720	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14		
# * C20023G5	SHRUB, DIERVILLA LONICERA (BUSH HONEY SUCKLE), 5-GALLON	EACH	98	98		
# * C2C058G3	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), CONTAINER GROWN, 3-GALLON	EACH	58	58		
# * K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	5	5		
# * K0026850	PERENNIAL PLANT CARE	SQ YD	625	625		
# * K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	10	10		
# * K0036120	MULCH PLACEMENT 4"	SQ YD	251	251		
# * X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	825		825	
# * X0324534	REMOVE AND REINSTALL LIGHT POLES	L SUM	1	1		
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	465		465	
# * X0325970	SOIL CONDITIONER 3"	SQ YD	420	420		
# * X0326806	WASHOUT BASIN	L SUM	1	1		
* X0327771	SAWCUT AND SEAL NEW JOINTS	FOOT	20,000	20,000		
# * X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1	
# * X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1	

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME - cesario	DESIGNED - MTC	REVISED - _____
PLOT SCALE - 100.0000' = 1"	DRAWN - MTC	REVISED - _____
PLOT DATE - 11/22/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 10 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	12
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
# * X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4	4		
# * X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3	3		
# * X1400399	VIDEO DETECTION SYSTEM COMPLETE	EACH	1	1		
# * X1700006	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)	SQ FT	2700	2700		
# * X2800001	IMPRINTED THERMOPLASTIC CROSSWALK	SQ YD	372	372		
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5		
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	46	46		
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	3	3		
# * X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	74	74		
# * X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		1	
# * X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1	
# * X8710024	FIBER OPTIC CABLE 1N CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	823		823	
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8	
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12		12	

\* SPECIAL PROVISION  
# SPECIALTY ITEM



USER NAME - cesario	DESIGNED - MTC	REVISED - _____
PLOT SCALE = 100.0000' / in.	DRAWN - MTC	REVISED - _____
PLOT DATE = 11/22/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 11 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2678	SECTION 20-00198-00-R5	COUNTY	TOTAL SHEETS 88	SHEET NO. 13
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STU 80% FED 20% LOCAL ROADWAY	STU 80% FED 20% LOCAL TRAFFIC SIGNALS	STU 80% FED 20% LOCAL TRAINEES
				0005	0021	0042
				URBAN	URBAN	URBAN
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
# * Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4		
# * Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2		2	
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1	
* Z0076600	TRAINEES	HOUR	500			500
* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500

\* SPECIAL PROVISION  
# SPECIALTY ITEM



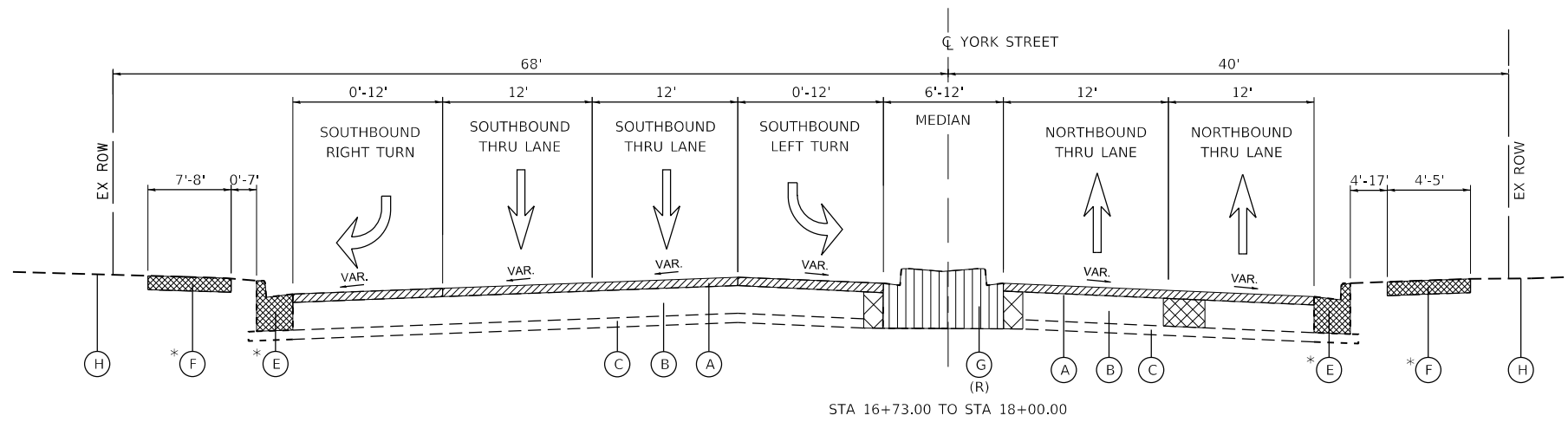
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PLOT SCALE = 100.0000' / 1" =	DRAWN - MTC	REVISED - _____
PLOT DATE = 11/22/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 12 OF 12 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 14
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	



**EXISTING TYPICAL SECTION**  
STA 16+67 TO STA 18+00, N. YORK STREET

**EXISTING LEGEND**

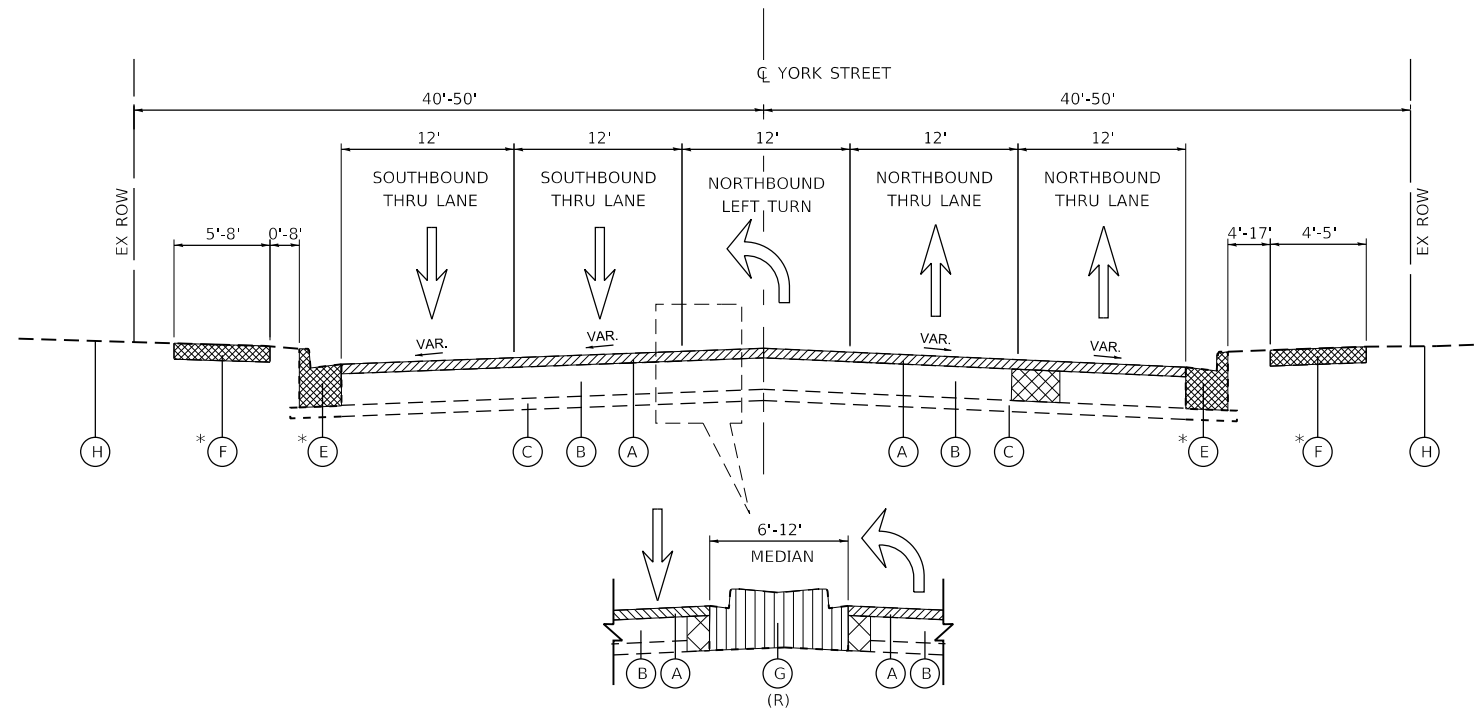
- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12 \*
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24 \*
- (F) EX. PCC SIDEWALK \*
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

**REMOVAL LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

\* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER



**EXISTING TYPICAL SECTION**  
STA 18+00 TO STA 22+18, N. YORK STREET  
STA 24+35 TO STA 26+35, N. YORK STREET  
STA 39+83 TO STA 42+42, N. YORK STREET  
STA 53+74 TO STA 55+60, N. YORK STREET



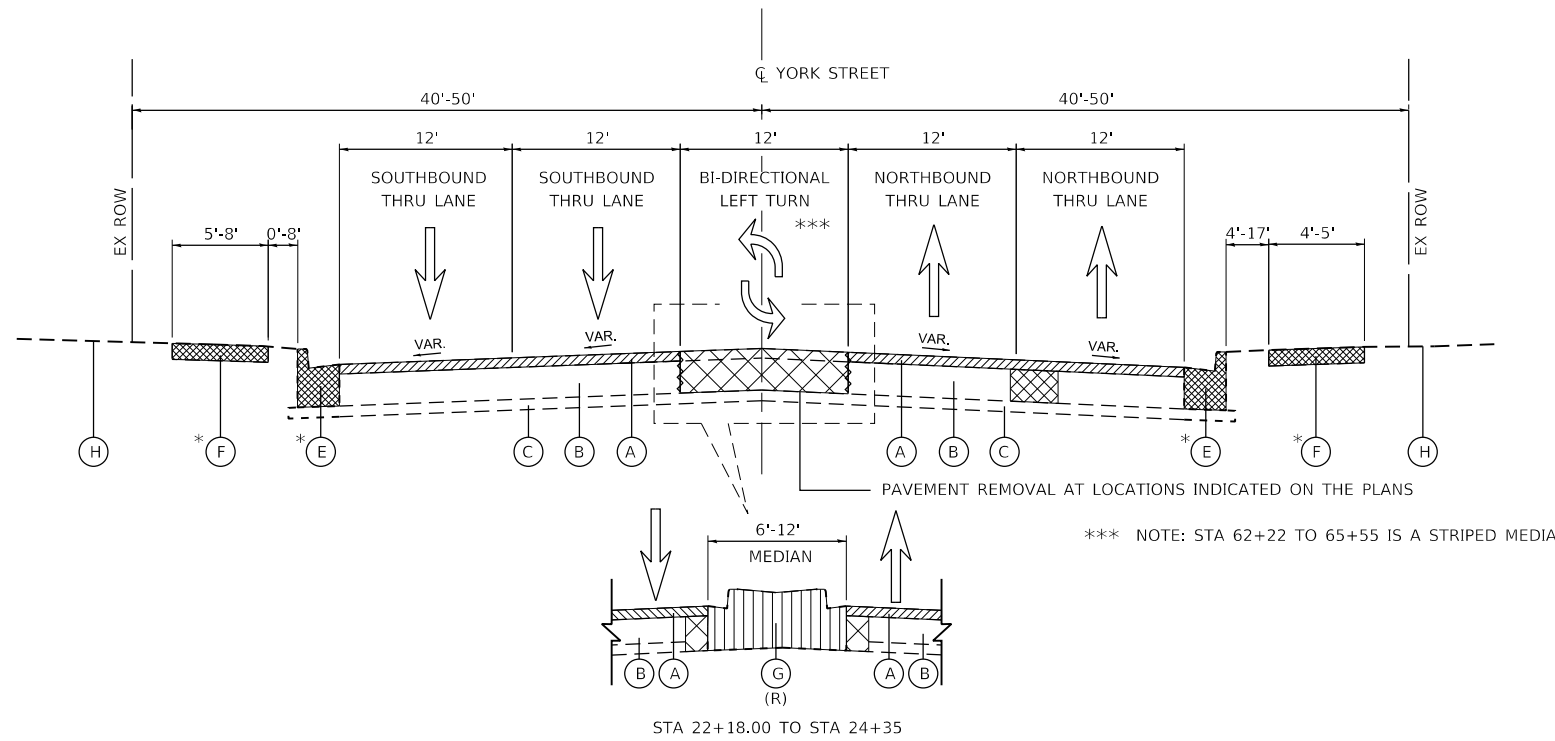
USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**NORTH YORK STREET - ROADWAY REHABILITATION**  
**TYPICAL SECTIONS - EXISTING**

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	15
			CONTRACT NO. 61H91	
		ILLINOIS FED. AID PROJECT		



**EXISTING LEGEND**

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12 \*
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24 \*
- (F) EX. PCC SIDEWALK \*
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

**REMOVAL LEGEND**

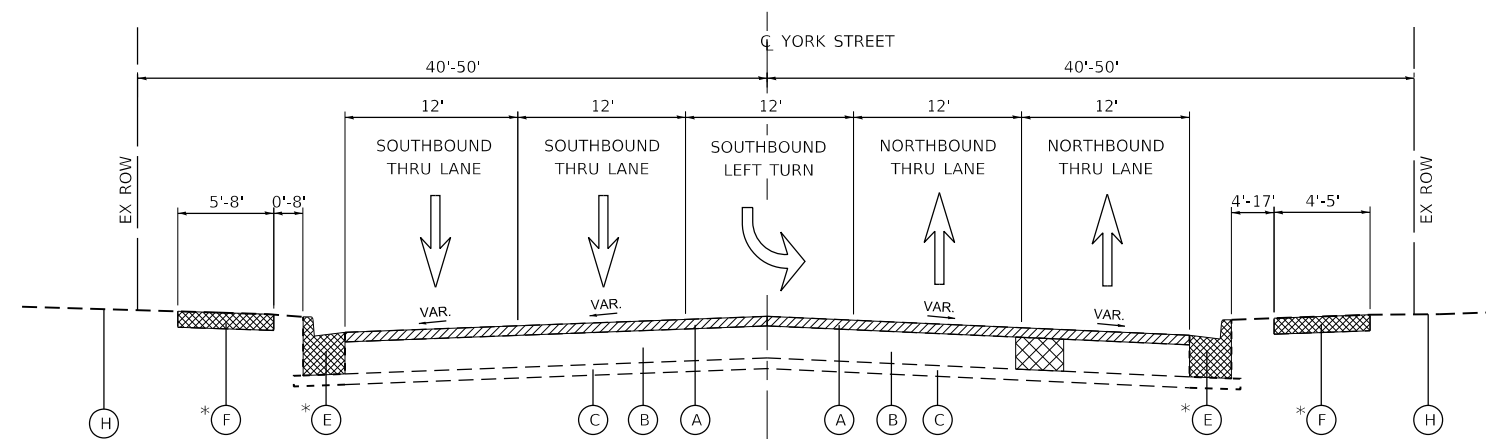
- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

\* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

**EXISTING TYPICAL SECTION**

STA 26+35 TO STA 29+75, N. YORK STREET  
 STA 31+42 TO STA 36+34, N. YORK STREET  
 STA 38+85 TO STA 39+83, N. YORK STREET  
 STA 42+42 TO STA 53+74, N. YORK STREET  
 STA 58+00 TO STA 65+55, N. YORK STREET



**EXISTING TYPICAL SECTION**

STA 29+75 TO STA 31+42, N. YORK STREET  
 STA 36+34 TO STA 38+85, N. YORK STREET  
 STA 55+60 TO STA 58+00, N. YORK STREET



USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

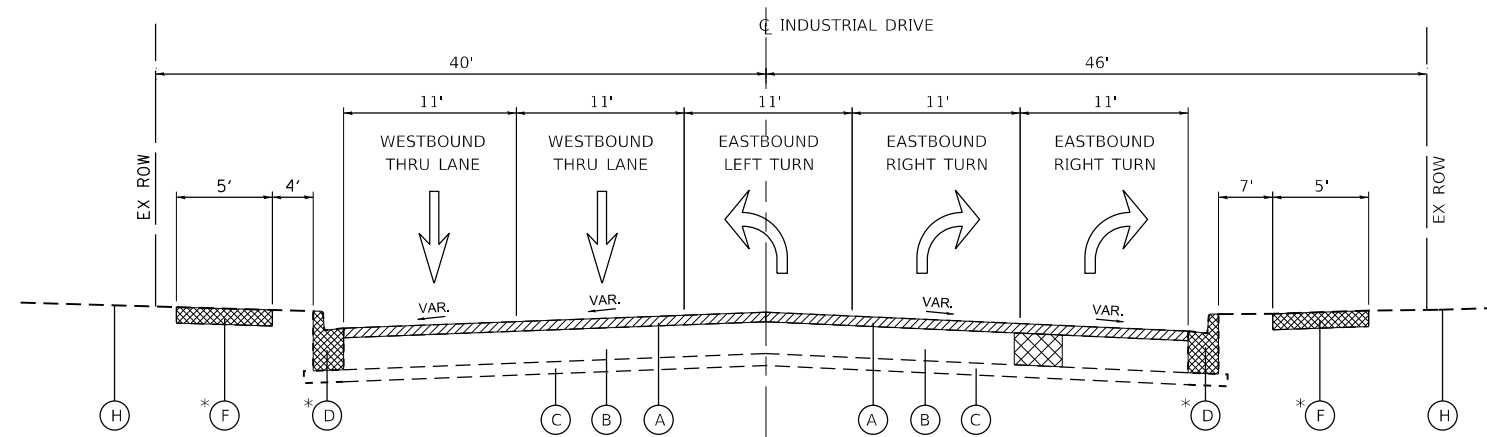
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
TYPICAL SECTIONS - EXISTING**

SCALE: N.T.S.    SHEET 2 OF 6 SHEETS    STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	16
			CONTRACT NO. 61H91	
		ILLINOIS FED. AID PROJECT		





**EXISTING TYPICAL SECTION**

STA 104+42.00 TO STA 105+12.00, INDUSTRIAL DRIVE  
 STA 105+12.00 TO STA 105+77 OMITTED  
 STATION RANGE IS THE INTERSECTION OF N. YORK STREET  
 COVERED IN THE N. YORK STREET TYPICAL SECTIONS

**EXISTING LEGEND**

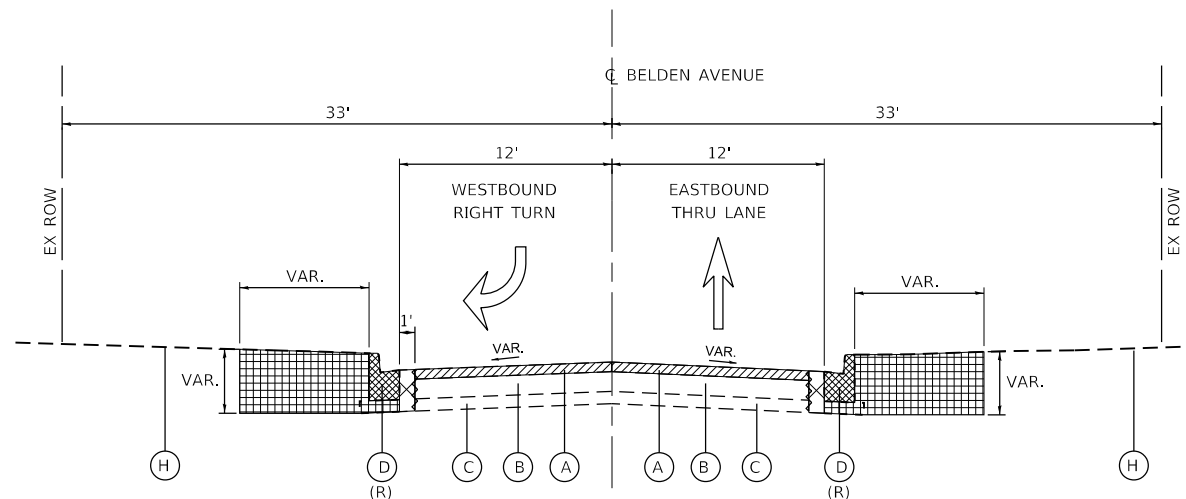
- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12 \*
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24 \*
- (F) EX. PCC SIDEWALK \*
- (G) EX. MEDIAN (R)
- (H) EX. GROUND

**REMOVAL LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- CLASS D PATCHES, 12" (TY I-IV) (AS DIRECTED BY THE ENGINEER)
- MEDIAN REMOVAL
- SIDEWALK REMOVAL / CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

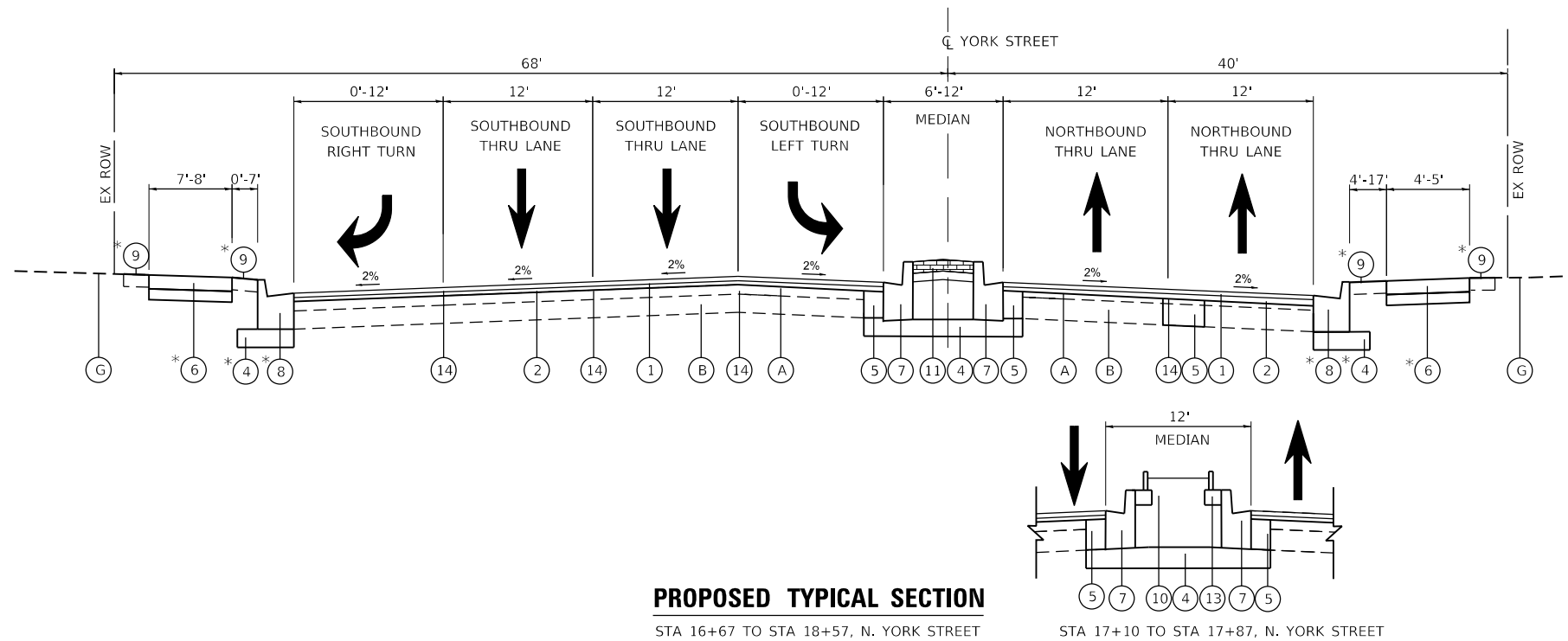
(R) ITEMS TO BE REMOVED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLAN SHEETS

\* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER



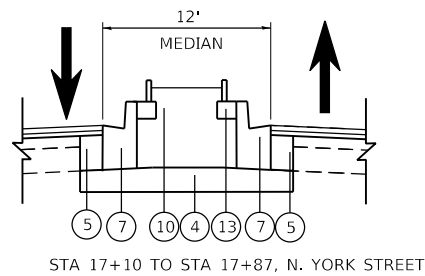
**EXISTING TYPICAL SECTION**

STA 105+77.00 TO STA 107+95.00, BELDEN AVENUE  
 STA 105+12.00 TO STA 105+77 OMITTED  
 STATION RANGE IS THE INTERSECTION OF N. YORK STREET  
 COVERED IN THE N. YORK STREET TYPICAL SECTIONS

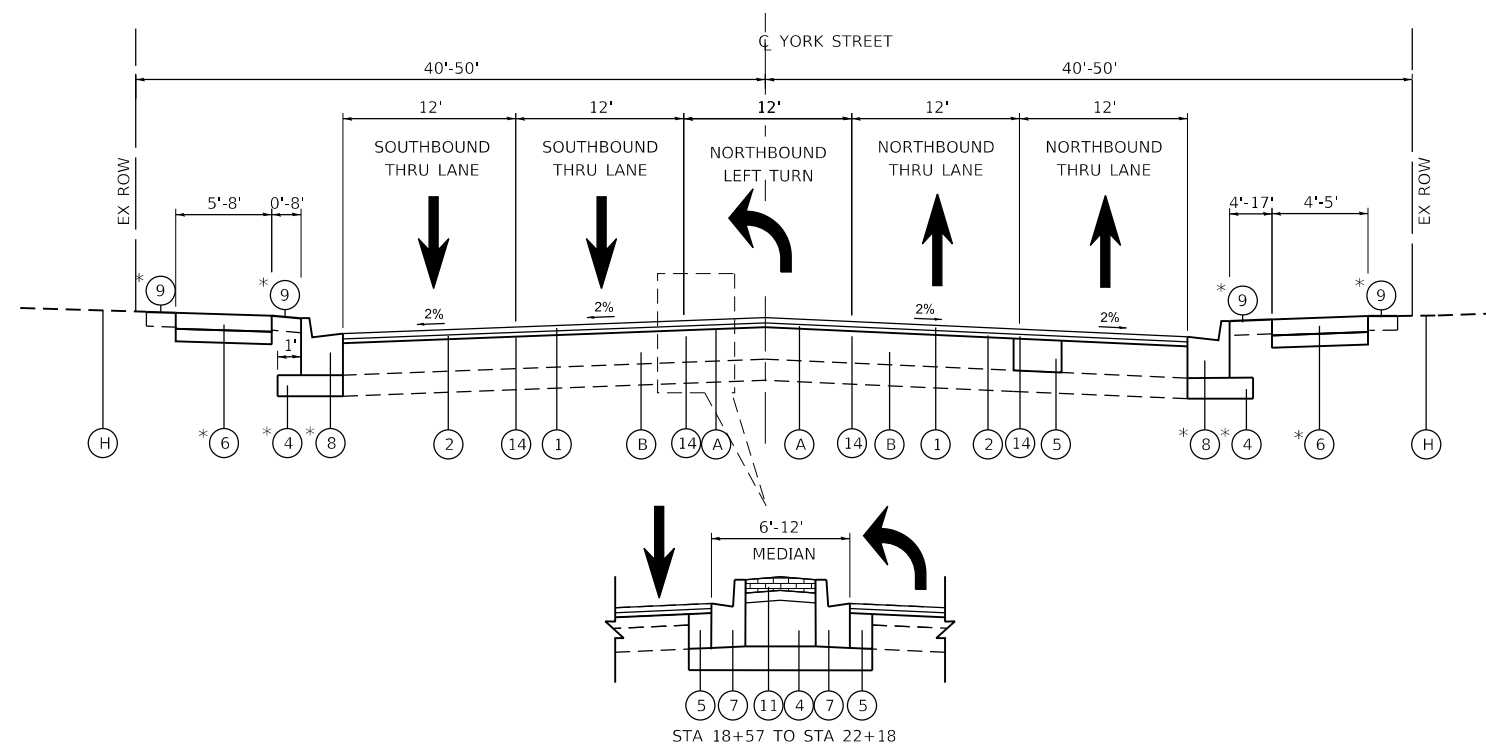


**PROPOSED TYPICAL SECTION**

STA 16+67 TO STA 18+57, N. YORK STREET



STA 17+10 TO STA 17+87, N. YORK STREET



**PROPOSED TYPICAL SECTION**

STA 18+57 TO STA 22+18, N. YORK STREET  
 STA 24+35 TO STA 26+35, N. YORK STREET  
 STA 39+83 TO STA 42+42, N. YORK STREET  
 STA 53+74 TO STA 55+60, N. YORK STREET

**EXISTING LEGEND**

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

**PROPOSED LEGEND**

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE, TY. B 4"
- (7) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (8) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- (9) SODDING SALT TOLERANT TOPSOIL FURNISH & PLACE, 4"
- (10) TOPSOIL FURNISH & PLACE, 30"
- (11) STAMPED COLORED PCC & MEDIAN SURFACE 4 INCH(SPECIAL) AGGREGATE BASE COURSE, TY. B 4"
- (12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)
- (14) LONGITUDINAL JOINT SEALANT

**HMA MIXTURE REQUIREMENTS CHART**

MIXTURE TYPE	AIR VOIDS	THICKNESS	QMP
<b>ROADWAY RESURFACING</b>			
POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	4% @ 70 GYR.	2.0"	LR1030-2
POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	1.0"	LR1030-2
<b>ROADWAY WIDENING &amp; RESURFACING (BELDEN AVENUE)</b>			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	2.0"	LR1030-2
POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	1.0"	LR-1030-2
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0)	4% @ 50 GYR.	7.0"	LR1030-2
<b>DRIVEWAY RECONSTRUCTION</b>			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	2.0"	LR1030-2
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0)	4% @ 50 GYR.	PE: 6"/CE: 8"	LR1030-2
<b>PATCHING</b>			
CLASS D PATCHES, TYPE I-IV, (HMA BINDER IL-19.0)	4% @ 50 GYR.	12"	LR1030-2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR1030-2			

**NOTE:**

THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL MILL BEFORE PATCHING.



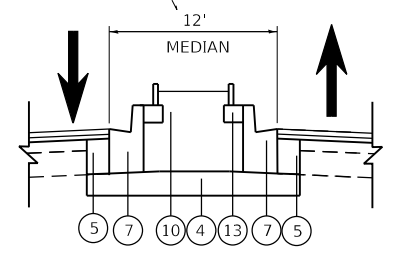
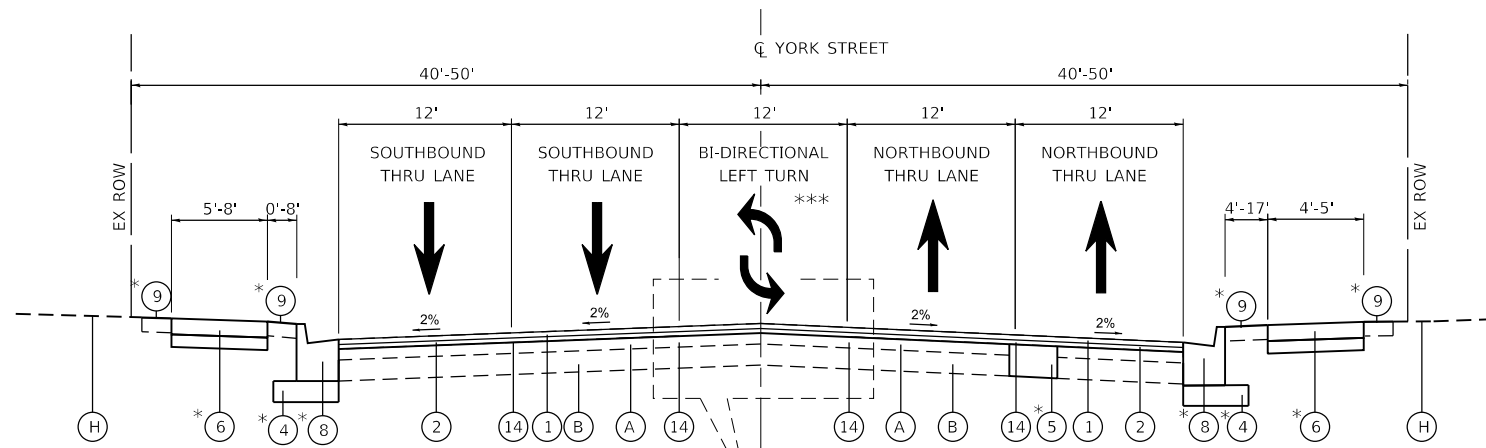
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	DRAWN - MTC	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 12/6/2022	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
TYPICAL SECTIONS - PROPOSED**

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. N/A TO STA. N/A

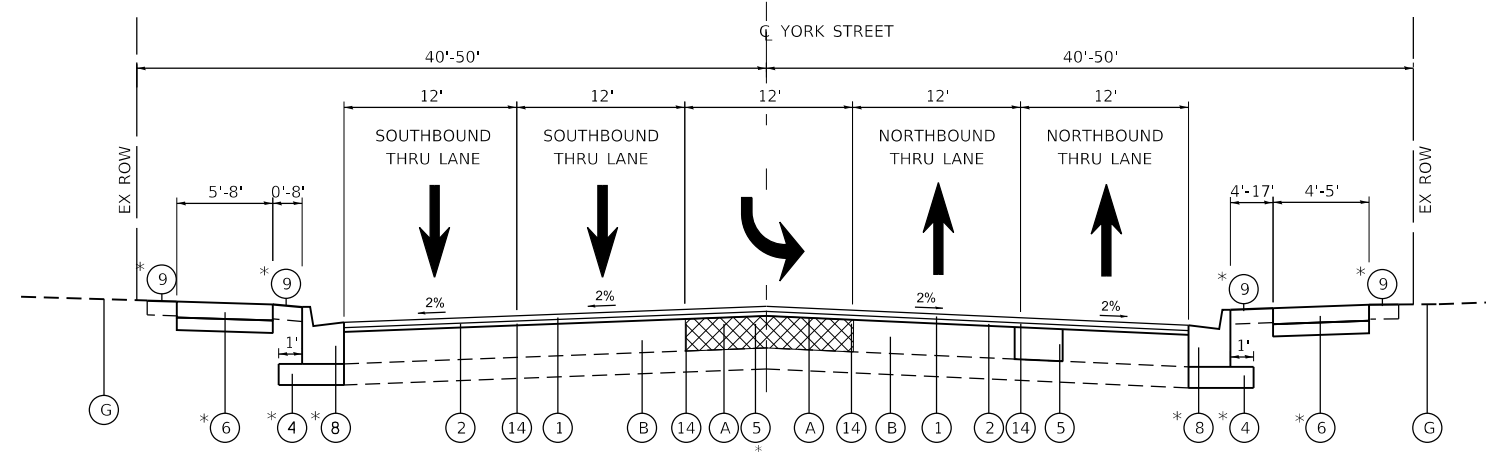
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	18
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



STA 26+87 TO STA 29+10, N. YORK STREET  
 STA 38+85 TO STA 39+83, N. YORK STREET  
 STA 43+22 TO STA 44+09, N. YORK STREET  
 STA 46+77 TO STA 48+01, N. YORK STREET  
 STA 62+59 TO STA 63+39, N. YORK STREET

**PROPOSED TYPICAL SECTION**

STA 31+42 TO STA 36+34, N. YORK STREET  
 STA 44+15 TO STA 46+79, N. YORK STREET  
 STA 48+07 TO STA 53+74, N. YORK STREET  
 STA 58+00 TO STA 62+52, N. YORK STREET



**PROPOSED TYPICAL SECTION**

STA 22+18 TO STA 24+35, N. YORK STREET  
 STA 29+75 TO STA 31+42, N. YORK STREET  
 STA 36+34 TO STA 38+85, N. YORK STREET  
 STA 55+60 TO STA 58+00, N. YORK STREET

\* NOTE: CLASS D PATCH SHALL BE UTILIZED WHERE EXISTING MEDIAN IS REMOVED NORTH OF BELDEN AVENUE STA. 23+36 TO STA 24+50

**EXISTING LEGEND**

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

**PROPOSED LEGEND**

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE, TY. B 4"
- (7) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (8) COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- (9) SODDING SALT TOLERANT TOPSOIL FURNISH & PLACE, 4"
- (10) TOPSOIL FURNISH & PLACE, 30"
- (11) STAMPED COLORED PCC & MEDIAN SURFACE 4 INCH(SPECIAL) AGGREGATE BASE COURSE, TY. B 4"
- (12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)
- (14) LONGITUDINAL JOINT SEALANT

\* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER

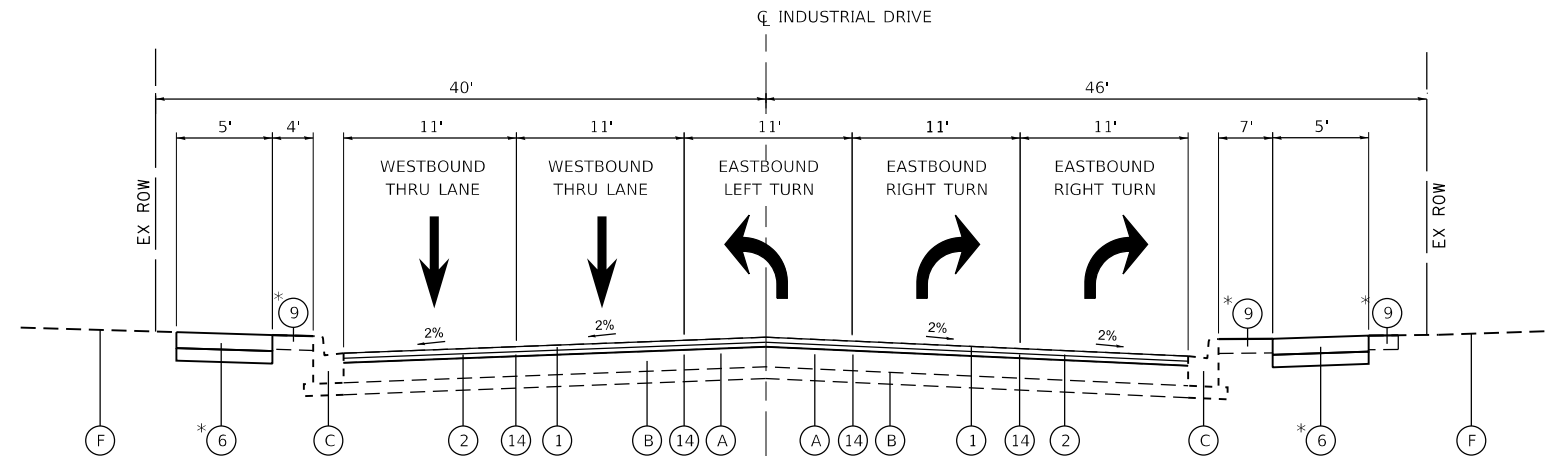


USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 12/6/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>NORTH YORK STREET - ROADWAY REHABILITATION</b>	
<b>TYPICAL SECTIONS - PROPOSED</b>	
SCALE: N.T.S.	SHEET 5 OF 6 SHEETS
STA. N/A	TO STA. N/A

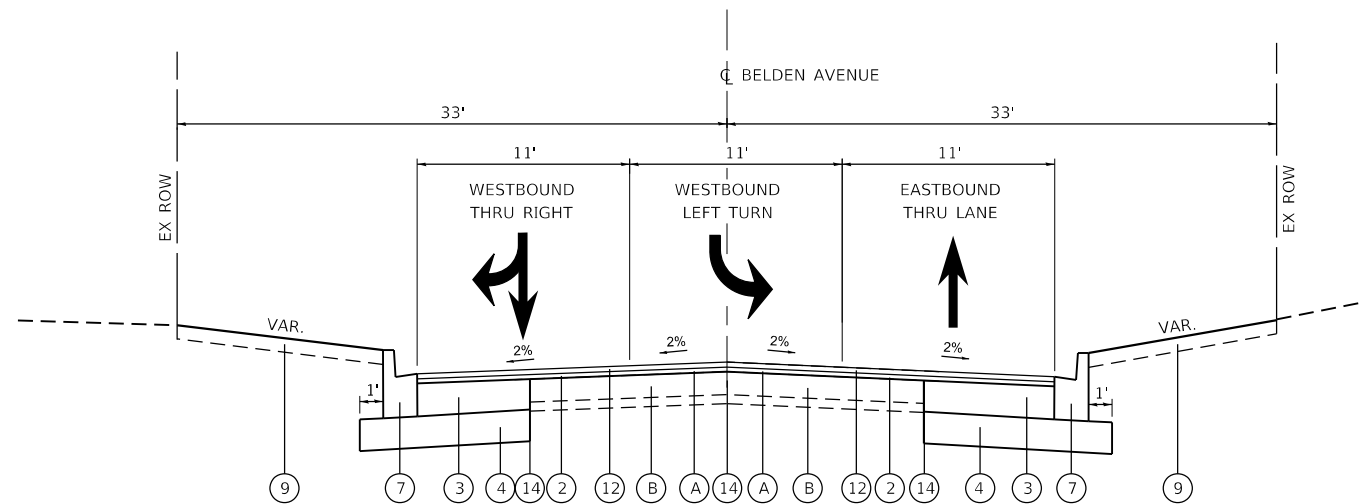
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	19
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**

STA 104+42.00 TO STA 105+12.00, INDUSTRIAL DRIVE

STA 105+12.00 TO STA 105+77 OMITTED  
STATION RANGE IS THE INTERSECTION OF N. YORK STREET  
COVERED IN THE N. YORK STREET TYPICAL SECTIONS



**PROPOSED TYPICAL SECTION**

STA 105+77.00 TO STA 107+95.00, BELDEN AVENUE

STA 105+12.00 TO STA 105+77 OMITTED  
STATION RANGE IS THE INTERSECTION OF N. YORK STREET  
COVERED IN THE N. YORK STREET TYPICAL SECTIONS

**EXISTING LEGEND**

- (A) EX. HOT-MIX ASPHALT PAVEMENT, 3"-4"
- (B) EX. PCC BASE COURSE, 8"-10"
- (C) EX. AGGREGATE BASE COURSE, VARIES
- (D) EX. COMB. CONC. CURB & GUTTER TY B-6.12
- (E) EX. COMB. CONC. CURB & GUTTER TY B-6.24
- (F) EX. PCC SIDEWALK
- (G) EX. MEDIAN
- (H) EX. GROUND

**PROPOSED LEGEND**

- (1) POLY. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 2"
- (2) POLY. HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- (4) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (5) CLASS D PATCHES, 12" (TY. I-IV)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE, TY. B 4"
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- (12) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- (13) MEDIAN PLANTER (REFER TO STRUCTURAL PLANS)
- (14) LONGITUDINAL JOINT SEALANT

\* ITEMS TO BE REMOVED AND REPLACED AT LOCATIONS INDICATED IN THE PLANS AND/OR DIRECTED BY THE ENGINEER



USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
	DRAWN - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 12/6/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**NORTH YORK STREET - ROADWAY REHABILITATION**  
**TYPICAL SECTIONS - PROPOSED**

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	20
			CONTRACT NO. 61H91	
		ILLINOIS FED. AID PROJECT		

EARTHWORK QUANTITIES SUMMARY TABLE - BELDEN AVENUE				
EARTH EXCAVATION (CU YD)	ADJUSTED EARTH EXCAVATION (15%) (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS (CU YD)
810	688.5	0	688.5	44.3

LANDSCAPING						
STATION		OFFSET	TOPSOIL FURNISH & PLACE, 4" (SQ YD) (21101615)	TOPSOIL FURNISH & PLACE, 30" (SQ YD) (21101695)	SODDING, SALT TOLERANT (SQ YD) (25200110)	MULCH, METHOD 1 (ACRE) (25100105)
FROM	TO	(LT / RT)				
<i>N YORK STREET</i>						
16+67.00	21+00.00	LT / RT	5	64	5	0.01
21+00.00	27+00.00	LT / RT	392	14	392	0.08
27+00.00	33+00.00	LT / RT	105	207	105	0.06
33+00.00	39+00.00	LT / RT	26	0	26	0.01
39+00.00	45+00.00	LT / RT	159	89	159	0.05
45+00.00	51+00.00	LT / RT	144	129	144	0.06
51+00.00	57+00.00	LT / RT	218	0	218	0.05
57+00.00	63+00.00	LT / RT	50	49	50	0.02
63+00.00	65+00.00	LT / RT	149	58	149	0.04
<i>BELDEN AVENUE</i>						
106+00.00	107+95.00	LT / RT	540	0	540	0.00
TOTAL:			1,788	610	1,788	0.39

TREE ROOT PRUNING				
<i>BELDEN AVE</i>				
STATION	OFFSET	LT / RT	QUANTITY (EA)	
106+06.55	30.70	LT	1	
106+09.00	29.72	LT	1	
106+51.27	25.59	LT	1	
106+72.88	29.13	LT	1	
107+40.29	19.48	RT	1	
107+49.09	20.51	LT	1	
PAY CODE 20101200			6	

TEMPORARY FENCE				
<i>BELDEN AVE</i>				
STATION	OFFSET	LT / RT	QUANTITY (FT)	
106+06.55	30.70	LT	31	
106+09.00	29.72	LT	31	
106+51.27	25.59	LT	31	
106+72.88	29.13	LT	31	
107+40.29	19.48	RT	31	
107+49.09	20.51	LT	31	
PAY CODE 20101000			188	

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT				
STATION	OFFSET	AREA		
FROM	TO	(LT / RT)	(SQ YD)	
<i>N YORK STREET</i>				
16+67.00	16+72.00	LT / RT	47	
29+44.00	29+69.00	RT	13	
36+09.00	36+32.00	RT	12	
42+45.00	42+84.00	LT	22	
55+65.00	55+95.00	LT	15	
55+99.00	56+25.00	RT	15	
65+50.00	65+55.00	LT / RT	36	
<i>BELDEN AVENUE</i>				
104+42.00	104+47.00	LT / RT	32	
107+90.00	107+95.00	LT / RT	12	
PAY CODE 40600982			205	

BITUMINOUS MATERIALS (TACK COAT)					
LOCATION	OFFSET (LT / RT)	AREA (SQ YD)	AREA (SQ FT)	APPLICATION RATE	QUANTITY (POUNDS)
Milled Surface - Resurfacing	LT / RT	34,408	309,672	0.050	15,484
Btw Binder & Surface - Resurfacing	LT / RT	34,408	309,672	0.025	7,742
Btw Aggregate Subgrade	LT / RT	360	3,240	0.050	162
Btw Binder & Surface - Widening	LT / RT	212	1,908	0.025	48
SUBTOTAL					23,435
10% CONTINGENCY					2,344
TOTAL					25,779
PAY CODE 40600290					

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50				
STATION	OFFSET	QUANTITY		
FROM	TO	(LT / RT)	(TON)	
<i>N YORK STREET</i>				
106+00.00	107+95.00	LT / RT	76	
PAY CODE 40604060			76	

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50				
STATION	OFFSET	QUANTITY		
FROM	TO	(LT / RT)	(TON)	
<i>N YORK STREET</i>				
16+67.00	21+00.00	LT / RT	195	
21+00.00	27+00.00	LT / RT	276	
27+00.00	33+00.00	LT / RT	220	
33+00.00	39+00.00	LT / RT	223	
39+00.00	45+00.00	LT / RT	218	
45+00.00	51+00.00	LT / RT	210	
51+00.00	57+00.00	LT / RT	242	
57+00.00	63+00.00	LT / RT	217	
63+00.00	65+55.00	LT / RT	96	
<i>BELDEN AVENUE</i>				
106+00.00	107+95.00	LT / RT	37	
PAY CODE 40603200			1,934	

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70				
STATION	OFFSET	QUANTITY		
FROM	TO	(LT / RT)	(TON)	
<i>N YORK STREET</i>				
16+67.00	21+00.00	LT / RT	397	
21+00.00	27+00.00	LT / RT	561	
27+00.00	33+00.00	LT / RT	449	
33+00.00	39+00.00	LT / RT	453	
39+00.00	45+00.00	LT / RT	443	
45+00.00	51+00.00	LT / RT	428	
51+00.00	57+00.00	LT / RT	492	
57+00.00	63+00.00	LT / RT	442	
63+00.00	65+55.00	LT / RT	196	
PAY CODE 40604172			3,862	

INLET FILTERS		
STATION	OFFSET (LT / RT)	QUANTITY (EACH)
<i>N YORK STREET</i>		
16+60.94	31.89' RT	1.0
17+18.76	1.20' RT	1.0
18+12.56	53.59' LT	1.0
19+01.02	4.48' RT	1.0
19+01.19	31.37' RT	1.0
20+14.70	52.37' LT	1.0
23+82.94	32.00' RT	1.0
25+28.03	32.00' LT	1.0
26+55.39	30.00' RT	1.0
26+60.75	32.00' LT	1.0
26+69.49	30.44' RT	1.0
27+86.30	30.00 RT	1.0
28+83.10	32.06' LT	1.0
28+88.34	31.50' RT	1.0
30+22.11	30.50' LT	1.0
31+28.65	31.00' RT	1.0
31+47.77	31.00' LT	1.0
32+36.81	31.00' LT	1.0
32.38.00	31.00' RT	1.0
32+51.48	32.00' LT	1.0
32+53.06	31.00' RT	1.0
33+24.36	32.00' RT	1.0
33+58.87	31.30' LT	1.0
34+39.48	31.00' RT	1.0
34+67.90	31.00' LT	1.0
37+03.17	30.38' LT	1.0
37+61.77	31.00' LT	1.0
37+72.49	31.00' RT	1.0
39+14.64	31.00' RT	1.0
39+32.29	31.00' LT	1.0
40+76.53	31.00' RT	1.0
41+03.54	31.00' LT	1.0
42+37.32	32.00' RT	1.0
42+45.59	59.49' LT	1.0
42+83.34	59.73' LT	1.0
42+97.95	31.00' LT	1.0
44+01.29	31.00' RT	1.0
45+68.91	31.00' RT	1.0
45+68.91	31.00' RT	1.0
47+02.56	31.00' RT	1.0
47+08.73	31.00' LT	1.0
47+18.14	31.00' LT	1.0
48+18.18	31.00' LT	1.0
48+26.59	31.00' RT	1.0
49+10.50	31.00' RT	1.0
49+30.15	31.00' LT	1.0
50+60.63	31.00' LT	1.0
50+64.88	31.00' RT	1.0
52+72.77	31.00' RT	1.0
52+95.44	31.00' LT	1.0
54+03.74	31.00' LT	1.0
54+71.09	31.00' LT	1.0
54+76.60	31.00' LT	1.0
54+76.60	31.00' RT	1.0
54+85.79	31.00' RT	1.0
56+24.07	59.16' RT	1.0
56+56.45	31.00' LT	1.0
56+67.52	31.00' LT	1.0
57+30.59	30.33' LT	1.0
58+57.47	31.00' LT	1.0
58+61.27	31.00' RT	1.0
60+55.50	31.00' LT	1.0
60+59.67	31.00' RT	1.0
62+92.59	33.33' RT	1.0
62+92.59	32.77' LT	1.0
65+31.62	34.48' LT	1.0
65+29.91	34.57' RT	1.0
<i>BELDEN AVENUE</i>		
104+28.29	29.88 RT	1.0
104+29.02	27.09 LT	1.0
106+21.69	17.30 RT	1.0
106+21.69	17.30 LT	1.0
PAY CODE 28000510		71

PROTECTIVE COAT					
COMB. CURB AND GUTTER TYPE-B 6.12					
STATION	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)	
FROM	TO				
<i>N YORK STREET</i>					
15+00.00	21+00.00	865	2	1,730	192
21+00.00	27+00.00	385	2	770	86
27+00.00	33+00.00	466	2	932	104
33+00.00	39+00.00	0	2	0	0
39+00.00	45+00.00	267	2	534	59
45+00.00	51+00.00	279	2	558	62
51+00.00	57+00.00	0	2	0	0
57+00.00	63+00.00	99	2	198	22
63+00.00	69+00.00	100	2	200	22
106+05.00	107+95.00	189	2	378	42
106+11.00	107+95.00	184	2	368	41

COMB. CURB AND GUTTER TYPE-B 6.24					
STATION	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)	
FROM	TO				
<i>N YORK STREET</i>					
15+00.00	21+00.00	49	3	147	16
21+00.00	27+00.00	310	3	930	103
27+00.00	33+00.00	74	3	222	25
33+00.00	39+00.00	38	3	114	13
39+00.00	45+00.00	161	3	483	54
45+00.00	51+00.00	0	3	0	0
51+00.00	57+00.00	111	3	333	37
57+00.00	63+00.00	0	3	0	0
63+00.00	69+00.00	57	3	171	19

COMB. CURB AND GUTTER TYPE-M 2.12					
STATION	LENGTH (FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)	
FROM	TO				
<i>N YORK STREET</i>					
26+91.21	27+00.00	23	1.67	38	4
27+00.00	27+00.96	6	1.67	10	1

SIDEWALK					
STATION	AREA (SQ FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)	
FROM	TO				
<i>N YORK STREET</i>					
15+00.00	21+00.00	0	1	0	0
21+00.00	27+00.00	3,218	1	3,218	358
27+00.00	33+00.00	759	1	759	84
33+00.00	39+00.00	245	1	245	27
39+00.00	45+00.00	1,801	1	1,801	200
45+00.00	51+00.00	2,443	1	2,443	271
51+00.00	57+00.00	2,854	1	2,854	317
57+00.00	63+00.00	376	1	376	42
63+00.00	69+00.00	1,276	1	1,276	142

DRIVEWAY					
STATION	AREA (SQ FEET)	APPLICATION (SQ FEET / LF)	AREA (SQ FEET)	AREA (SQ YARD)	
FROM	TO				
<i>N YORK STREET</i>					
17+09.77	17+52.80	170	1	170	19
26+72.23	27+24.14	647	1	647	72
106+86.77	107+16.13	352	1	352	39
106+93.72	107+16.27	285	1	285	32
PAY CODE 42001300				2,505	

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH					
STATION	STATION	OFFSET (LT / RT)	PCC SIDEWALK 5 INCH (SQ FT) (42400200)	AGGREGATE BASE COURSE TY. B, 4" (SQ YD) (35101600)	
FROM	TO				
<i>N YORK STREET</i>					
15+00.00	21+00.00	LT / RT	0	0	
21+00.00	27+00.00	LT / RT	3,218	358	
27+00.00	33+00.00	LT / RT	759	84	
33+00.00	39+00.00	LT / RT	245	27	
39+00.00	45+00.00	LT / RT	1,801	200	
45+00.00	51+00.00	LT / RT	2,443	271	
51+00.00	57+00.00	LT / RT	2,854	317	
57+00.00	63+00.00	RT	376	42	
63+00.00	69+00.00	RT	1,276	142	
TOTAL:			12,972	1,442	

PROPOSED ROADWAY WIDENING				

DETECTABLE WARNINGS			
N YORK STREET			
INTERSECTION	CORNER	OFFSET (LT / RT)	AREA (SQ FEET)
BELDEN AVE & YORK ST	SE	RT	10
INDUSTRIAL DR & YORK ST	NW	LT	20
BELDEN AVE & YORK ST	SE	RT	10
BELDEN AVE & YORK ST	NE	RT	10
BELDEN AVE & YORK ST	NE	RT	10
INDUSTRIAL DR & YORK ST	NW	LT	10
INDUSTRIAL DR & YORK ST	NW	LT	10
FULLERTON AVE & YORK ST	SE	RT	10
FULLERTON AVE & YORK ST	NE	RT	10
NORTHEND AVENUE & YORK ST	SE	RT	10
NORTHEND AVENUE & YORK ST	NE	RT	10
WRIGHTWOOD AVE & YORK ST	NE	RT	10
WRIGHTWOOD AVE & YORK ST	CENTER	RT	10
WRIGHTWOOD AVE & YORK ST	CENTER	LT	10
WRIGHTWOOD AVE & YORK ST	NW	LT	10
RESIDENTIAL ENTRANCE & YORK ST	S	RT	10
RESIDENTIAL ENTRANCE & YORK ST	N	RT	10
DIVERSITY AVE & YORK ST	SW	LT	10
DIVERSITY AVE & YORK ST	SE	RT	10
DIVERSITY AVE & YORK ST	NW	LT	10
DIVERSITY AVE & YORK ST	NE	RT	10
PAY CODE 42400800			220

PAVEMENT REMOVAL			
STATION FROM	STATION TO	OFFSET (LT / RT)	AREA (SQ YD)
N YORK STREET			
22+52.00	22+71.00	LT	39
26+66.00	27+00.00	LT / RT	45
27+00.00	29+38.00	LT / RT	317
42+85.00	44+15.00	LT / RT	168
46+71.00	48+07.00	LT / RT	182
62+52.00	63+00.00	LT / RT	72
63+00.00	63+48.00	LT / RT	87
BELDEN AVENUE			
105+76.00	107+95.00	LT	28
105+75.00	107+95.00	RT	27
PAY CODE 44000100			964

HOT-MIX ASPHALT SURFACE REMOVAL, 3"				
STATION FROM	STATION TO	OFFSET (LT / RT)	LENGTH (FEET)	AREA (SQ YD)
N YORK STREET				
16+67.00	21+00.00	LT / RT	433	3,526
21+00.00	27+00.00	LT / RT	600	4,741
27+00.00	33+00.00	LT / RT	600	3,979
33+00.00	39+00.00	LT / RT	600	4,033
39+00.00	45+00.00	LT / RT	600	3,800
45+00.00	51+00.00	LT / RT	600	3,818
51+00.00	57+00.00	LT / RT	600	4,364
57+00.00	63+00.00	LT / RT	600	3,945
63+00.00	65+55.00	LT / RT	600	1,726
BELDEN AVENUE				
106+00.00	107+95.00	LT / RT	195	475
PAY CODE 44000161				34,408

DRIVEWAYS							
STATION	OFFSET (LT / RT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD) (44000200)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TON) (40604060)	HOT-MIX ASPHALT BASE COURSE, 6" (SQ YD) (35501308)	HOT-MIX ASPHALT BASE COURSE, 8" (SQ YD) (35501316)	PCC DRIVEWAY PAVEMENT, 8" (SQ YD) (42300400)	AGGREGATE BASE COURSE, TYPE B 4" (SQ YD) (35101600)
N YORK STREET							
17+31.00	RT	20	-	-	-	19	19
21+87.00	RT	47	-	-	-	-	-
26+96.00	RT	72	-	-	-	72	72
43+40.00	LT	83	-	-	-	-	-
44+43.00	RT	51	6	-	51	-	-
56+21.00	LT	25	-	-	-	-	-
BELDEN AVENUE							
106+28.00	LT	62	-	-	-	-	-
106+39.00	RT	55	-	-	-	-	-
107+03.00	RT	54	-	-	-	39	39
107+06.00	LT	42	-	-	-	32	32
107+65.00	RT	59	6	54	-	-	-
TOTAL:		570	12	54	51	162	162

COMBINATION CURB AND GUTTER REMOVAL				
STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
N YORK STREET				
17+05.45	RT	17+55.45	RT	50
21+56.80	RT	106+05.22	RT	120
22+23.75	LT	22+41.53	LT	38
106+17.43	LT	23+36.12	RT	56
23+05.18	LT	23+42.00	LT	53
26+60.80	RT	27+36.65	RT	76
29+25.00	RT	29+39.00	RT	19
29+71.50	RT	29+84.00	RT	18
35+87.54	RT	36+03.41	RT	20
36+38.18	RT	36+50.86	RT	19
43+01.15	RT	43+16.15	RT	15
43+05.78	LT	43+76.08	LT	70
44+06.83	RT	44+82.41	RT	105
55+56.54	LT	55+64.21	LT	18
55+64.66	RT	55+80.19	RT	19
55+96.36	LT	56+42.31	LT	58
56+24.35	RT	56+34.35	RT	17
64+98.66	RT	65+55.00	RT	57
BELDEN AVE				
106+17.00	RT	107+95.00	RT	192
106+17.00	LT	107+95.00	LT	190
PAY CODE 44000500				1,210

SIDEWALK REMOVAL			
STATION	STATION	OFFSET (LT / RT)	AREA (SQ FT)
N YORK STREET			
15+00.00	21+00.00	LT	0
15+00.00	21+00.00	RT	0
21+00.00	27+00.00	LT	496
21+00.00	27+00.00	RT	489
27+00.00	33+00.00	LT	0
27+00.00	33+00.00	RT	361
33+00.00	39+00.00	LT	0
33+00.00	39+00.00	RT	240
39+00.00	45+00.00	LT	540
39+00.00	45+00.00	RT	305
45+00.00	51+00.00	LT	1,619
45+00.00	51+00.00	RT	0
51+00.00	57+00.00	LT	1,538
51+00.00	57+00.00	RT	211
57+00.00	63+00.00	LT	0
57+00.00	63+00.00	RT	346
63+00.00	65+55.00	LT	0
63+00.00	65+55.00	RT	1,244
PAY CODE 44000600			7,389

MEDIAN REMOVAL			
STATION FROM	STATION TO	OFFSET (LT / RT)	AREA (SQ FT)
N YORK STREET			
16+71.00	21+00.00	LT	3,496
21+00.00	22+22.00	LT	777
22+65.00	22+89.00	RT	303
23+33.00	24+60.00	LT	1,442
PAY CODE 4403100			6,018

CLASS D PATCHING, 12 INCH			
PAVEMENT PATCHING			AREA (SQ YD)
AREA OF MAINLINE PAVEMENT			34,408
12 INCH PATCHING @ 5%			1,720
N YORK STREET			
44201785	CLASS D PATCHES, TYPE I, 12 INCH	10%	172
44201789	CLASS D PATCHES, TYPE II, 12 INCH	15%	258
44201794	CLASS D PATCHES, TYPE III, 12 INCH	45%	774
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	30%	516

STORM SEWER REMOVAL 12"				
STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
BELDEN AVENUE				
106+21.57	11.98 LT	106+21.79	13.82 RT	26
PAY CODE 55100500				26

STORM SEWERS, CLASS A, TYPE 1 12"				
STATION FROM	OFFSET (LT / RT)	STATION TO	OFFSET (LT / RT)	QUANTITY (FOOT)
BELDEN AVENUE				
106+21.69	17.30 RT	106+21.69	17.30 LT	35
PAY CODE 550A0050				35

FIRE HYDRANTS TO BE MOVED		
LOCATION	OFFSET (LT/RT)	QUANTITY (EA)
N YORK STREET		
52+39.64	37.20' LT	1
PAY CODE 56400100		1

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
BELDEN AVENUE		
106+21.69	17.30' LT	1
PAY CODE 60201105		1

INLETS, TYPE A, TYPE 11 FRAME AND GRATE		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
BELDEN AVENUE		
106+21.69	17.30' RT	1
PAY CODE 60236800		1

REMOVING CATCH BASINS		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
BELDEN AVENUE		
106+21.57	11.98' LT	1
PAY CODE 60500050		1

REMOVING INLETS		
LOCATION	OFFSET (LT / RT)	QUANTITY (EA)
BELDEN AVENUE		
106+21.79	13.82' RT	1
PAY CODE 60500060		1

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12				
STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
<i>N YORK STREET</i>				
15+00.00	LT / RT	21+00.00	LT / RT	865
21+00.00	LT / RT	27+00.00	LT / RT	385
27+00.00	LT / RT	33+00.00	LT / RT	466
33+00.00	LT / RT	39+00.00	LT / RT	0
39+00.00	LT / RT	45+00.00	LT / RT	267
45+00.00	LT / RT	51+00.00	LT / RT	279
51+00.00	LT / RT	57+00.00	LT / RT	0
57+00.00	LT / RT	63+00.00	LT / RT	99
63+00.00	LT / RT	69+00.00	LT / RT	100
<i>BELDEN AVENUE</i>				
106+05.00	16.5 LT	107+95.00	12.5' LT	189
106+11.00	16.5 RT	107+95.00	11.5' RT	184
PAY CODE 60603800				2,834

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24				
STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
<i>N YORK STREET</i>				
15+00.00	LT / RT	21+00.00	LT / RT	49
21+00.00	LT / RT	27+00.00	LT / RT	310
27+00.00	LT / RT	33+00.00	LT / RT	74
33+00.00	LT / RT	39+00.00	LT / RT	38
39+00.00	LT / RT	45+00.00	LT / RT	161
45+00.00	LT / RT	51+00.00	LT / RT	0
51+00.00	LT / RT	57+00.00	LT / RT	111
57+00.00	LT / RT	63+00.00	LT / RT	0
63+00.00	LT / RT	69+00.00	LT / RT	57
PAY CODE 60605000				800

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12				
STATION	OFFSET	STATION	OFFSET	QUANTITY
FROM	(LT / RT)	TO	(LT / RT)	(FOOT)
<i>N YORK STREET</i>				
26+91.21	RT	27+00.00	RT	23
27+00.00	RT	27+00.96	RT	6
PAY CODE 60608300				29

THERMOPLASTIC PAVEMENT MARKINGS					
STATION		LETTERS & SYMBOLS (78000100) (SQ FT)	6" (78000400) (FOOT)	12" (78000600) (FOOT)	24" (78000650) (FOOT)
TO	FROM				
<i>N YORK STREET</i>					
16+67.00	21+00.00	146	0	0	48
21+00.00	27+00.00	110	280	0	87
27+00.00	33+00.00	104	79	31	14
33+00.00	39+00.00	97	81	48	15
39+00.00	45+00.00	67	197	171	18
45+00.00	51+00.00	91	0	0	0
51+00.00	57+00.00	104	179	42	38
57+00.00	63+00.00	61	0	66	0
63+00.00	65+00.00	0	0	189	0
<i>BELDEN AVENUE</i>					
104+42.00	107+95.00	64	233	0	68
TOTAL		844	1,049	547	288

SHORT TERM PAVEMENT MARKING, SHORT TERM PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, AND TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE						
FROM	TO	OFFSET (LT / RT)	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	QUANTITY (SQ FT)
<i>N YORK STREET</i>						
4" LINE						
16+67.00	21+00.00	LT	433	SKIP DASH - WHITE	108	36
16+67.00	21+00.00	RT	433	SKIP DASH - WHITE	108	36
21+00.00	22+03.00	LT	103	SKIP DASH - WHITE	26	9
21+00.00	22+17.00	RT	117	SKIP DASH - WHITE	29	10
23+36.00	26+35.00	LT / RT	285	DBL SOLID - YELLOW	570	190
23+38.00	27+00.00	LT	362	SKIP DASH - WHITE	91	30
23+38.00	27+00.00	RT	362	SKIP DASH - WHITE	91	30
27+00.00	33+00.00	LT	600	SKIP DASH - WHITE	140	47
27+00.00	33+00.00	RT	600	SKIP DASH - WHITE	140	47
29+75.00	31+42.00	LT / RT	253	DBL SOLID - YELLOW	506	169
31+42.00	33+00.00	LT	158	SOLID/SKIP - WHITE	198	66
31+42.00	33+00.00	RT	158	SOLID/SKIP - WHITE	198	66
33+00.00	39+00.00	LT	600	SKIP DASH - WHITE	150	50
33+00.00	39+00.00	RT	600	SKIP DASH - WHITE	140	47
33+00.00	35+95.00	LT	295	SOLID/SKIP - WHITE	369	123
33+00.00	35+95.00	RT	295	SOLID/SKIP - WHITE	369	123
36+20.00	36+20.00	RT	12	DBL SOLID - YELLOW	24	8
36+34.00	38+08.00	LT/RT	384	DBL SOLID - YELLOW	768	256
39+00.00	45+00.00	LT	600	SKIP DASH - WHITE	140	47
39+00.00	45+00.00	RT	600	SKIP DASH - WHITE	150	50
39+00.00	42+42.00	LT/RT	521	DBL SOLID - YELLOW	1,042	347
44+09.00	45+00.00	LT	91	SOLID/SKIP - WHITE	114	38
44+09.00	45+00.00	RT	91	SOLID/SKIP - WHITE	114	38
45+00.00	51+00.00	LT	600	SKIP DASH - WHITE	150	50
45+00.00	51+00.00	RT	600	SKIP DASH - WHITE	150	50
45+00.00	46+77.00	LT	177	SOLID/SKIP - WHITE	221	74
45+00.00	46+77.00	RT	177	SOLID/SKIP - WHITE	221	74
48+01.00	51+00.00	LT	299	SOLID/SKIP - WHITE	374	125
48+01.00	51+00.00	RT	299	SOLID/SKIP - WHITE	374	125
51+00.00	57+00.00	LT	600	SKIP DASH - WHITE	140	47
51+00.00	57+00.00	RT	600	SKIP DASH - WHITE	140	47
51+00.00	53+74.00	LT	274	SOLID/SKIP - WHITE	343	114
51+00.00	53+74.00	RT	274	SOLID/SKIP - WHITE	343	114
53+74.00	55+60.00	LT / RT	294	DBL SOLID - YELLOW	588	196
56+20.00	57+00.00	RT	80	DBL SOLID - YELLOW	160	53
56+02.00	56+13.00	RT	29	DBL SOLID - YELLOW	58	19
57+00.00	63+00.00	LT	600	SKIP DASH - WHITE	150	50
57+00.00	63+00.00	RT	600	SKIP DASH - WHITE	150	50
57+00.00	58+00.00	LT / RT	200	DBL SOLID - YELLOW	400	133
58+00.00	62+22.00	LT	422	SOLID/SKIP - WHITE	528	176
58+00.00	62+22.00	RT	422	SOLID/SKIP - WHITE	528	176
62+22.00	62+59.00	LT	37	DBL SOLID - YELLOW	74	25
62+22.00	62+59.00	RT	37	DBL SOLID - YELLOW	74	25
63+00.00	65+55.00	LT	255	SKIP DASH - WHITE	64	21
63+00.00	65+55.00	RT	255	SKIP DASH - WHITE	64	21
63+39.00	65+55.00	LT	214	DBL SOLID - YELLOW	428	143
63+39.00	65+55.00	RT	215	DBL SOLID - YELLOW	430	143
6" LINE						
22+03.50	22+55.25	LT	77	DASH LINE - WHITE	19	10
22+24.00	22+24.00	LT / RT	86	CROSSWALK - WHITE	86	43
22+30.00	22+30.00	LT / RT	93	CROSSWALK - WHITE	93	47
23+23.00	23+23.00	LT / RT	82	CROSSWALK - WHITE	82	41
29+33.00	29+78.00	RT	45	CROSSWALK - WHITE	45	23
29+39.00	29+73.00	RT	34	CROSSWALK - WHITE	34	17
35+97.00	36+43.00	RT	46	CROSSWALK - WHITE	46	23
36+03.00	36+38.00	RT	35	CROSSWALK - WHITE	35	18
42+41.00	42+90.00	LT	49	CROSSWALK - WHITE	49	25
42+44.00	42+86.00	LT	42	CROSSWALK - WHITE	42	21
44+14.06	44+72.68	RT	59	CROSSWALK - WHITE	59	30
44+19.77	44+66.54	RT	47	CROSSWALK - WHITE	47	24
55+61.00	56+02.00	LT	40	CROSSWALK - WHITE	40	20
55+64.00	55+98.00	LT	34	CROSSWALK - WHITE	34	17
55+72.00	56+30.00	RT	58	CROSSWALK - WHITE	58	29
55+79.00	56+26.00	RT	47	CROSSWALK - WHITE	47	24
12" LINE						
30+58.00	31+42.00	CL	31	MEDIAN DIAGONAL -- YELLOW	31	31
38+02.00	39+00.00	CL	48	MEDIAN DIAGONAL -- YELLOW	48	48
39+00.00	40+58.00	CL	75	MEDIAN DIAGONAL -- YELLOW	75	75
43+06.00	43+12.00	RT	48	CROSSWALK - WHITE	48	48
43+11.00	43+17.00	LT	48	CROSSWALK - WHITE	48	48
53+74.00	54+80.00	CL	42	MEDIAN DIAGONAL -- YELLOW	42	42
57+00.00	58+00.00	CL	38	MEDIAN DIAGONAL -- YELLOW	38	38
62+22.00	62+52.00	CL	28	MEDIAN DIAGONAL -- YELLOW	28	28
63+48.00	65+55.00	CL	189	MEDIAN DIAGONAL -- YELLOW	189	189

SHORT TERM PAVEMENT MARKING, SHORT TERM PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE, AND TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE						
FROM	TO	OFFSET (LT / RT)	LENGTH (FEET)	DESCRIPTION	QUANTITY (FEET)	QUANTITY (SQ FT)
24" LINE						
16+73.00	16+73.00	LT	48	STOP BAR	48	96
22+17.00	22+17.00	LT / RT	36	STOP BAR	36	72
23+36.00	23+36.00	LT / RT	51	STOP BAR	51	102
29+56.00	29+70.00	RT	14	STOP BAR	14	28
36+20.00	36+35.00	RT	15	STOP BAR	15	30
42+46.00	42+64.00	LT	18	STOP BAR	18	36
55+65.00	55+80.00	LT	15	STOP BAR	15	30
56+02.00	56+24.00	RT	23	STOP BAR	23	46
LETTERS AND SYMBOLS						
17+15.00		LT		RIGHT ARROW & ONLY	110	37
17+90.00		LT		LEFT ARROW & ONLY	110	37
18+67.00		LT		LEFT ARROW & ONLY	110	37
19+46.00		LT		RIGHT ARROW & ONLY	110	37
21+75.00		CL		LEFT ARROW & ONLY	110	37
24+45.00		CL		LEFT ARROW & ONLY	110	37
25+21.00		CL		LEFT ARROW & ONLY	110	37
27+97.00		LT		RIGHT ARROW & ONLY	110	37
30+48.00		CL		LEFT ARROW & ONLY	110	37
31+61.00		CL		DUAL LEFT ARROW	91	30
33+60.00		CL		DUAL LEFT ARROW	91	30
35+60.00		CL		DUAL LEFT ARROW	91	30
37+70.00		CL		LEFT ARROW & ONLY	110	37
40+89.00		CL		LEFT ARROW & ONLY	110	37
44+24.00		CL		DUAL LEFT ARROW	91	30
46+28.00		CL		DUAL LEFT ARROW	91	30
48+66.00		CL		DUAL LEFT ARROW	91	30
50+66.00		CL		DUAL LEFT ARROW	91	30
52+66.00		CL		DUAL LEFT ARROW	91	30
54+90.00		CL		LEFT ARROW & ONLY	110	37
56+90.00		CL		LEFT ARROW & ONLY	110	37
59+02.00		CL		DUAL LEFT ARROW	91	30
61+02.00		CL		DUAL LEFT ARROW	91	30
<i>BELDEN AVENUE</i>						
4" LINE						
104+42.00	104+72.00	LT	31	DBL SOLID - YELLOW	62	21
106+05.00	107+95.00	RT	190	DBL SOLID - YELLOW	380	127
6" LINE						
104+42.00	104+71.50	RT	30	LANE LINE - WHITE	30	15
104+42.00	104+71.50	RT	18	LANE LINE - WHITE	18	9
106+05.00	106+20.00	LT	115	LANE LINE - WHITE	115	58
106+20.00	107+95.00	LT	78	SKIP DASH - WHITE	20	10
24" LINE						
104+72.00	104+72.00	LT / RT	45	STOP BAR	45	90
106+05.00	106+05.00	LT / RT	23	STOP BAR	23	46
LETTER AND SYMBOL						
106+85.00		LT	82.5	COMBO ARROW	83	28
107+10.00		CL	110	LEFT ARROW & ONLY	110	37
SUBTOTAL SHORT TERM PAVEMENT MARKING (1 APPLICATION)					16,540	6,524

EPOXY PAVEMENT MARKINGS			
STATION		4" (78005110) (FOOT)	6" (78005130) (FOOT)
TO	FROM		
<i>N YORK STREET</i>			
16+67.00	21+00.00	272	756
21+00.00	27+00.00	751	469
27+00.00	33+00.00	280	233
33+00.00	39+00.00	2,721	173
39+00.00	45+00.00	1,560	187
45+00.00	51+00.00	1,490	0
51+00.00	57+00.00	1,771	184
57+00.00	63+00.00	1,903	23
63+00.00	65+00.00	986	40
<i>BELDEN AVENUE</i>			
104+42.00	107+95.00	442	183
TOTAL		12,174	2,247

STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)			
STATION	STATION	OFFSET	QUANTITY (SQ FT)
FROM	TO	(LT / RT)	
<i>N YORK STREET</i>			
16+80.00	17+10.00	LT / RT	120
17+87.00	21+00.00	LT / RT	1,522
21+00.00	22+04.00	LT	335
26+67.00	26+87.00	LT / RT	136
22+57.00	22+70.00	LT	142
29+10.00	29+29.00	LT / RT	132
42+86.00	43+01.00	LT / RT	90
44+09.00	44+13.00	LT/RT	36
46+72.00	46+77.00	LT/RT	36
48+01.00	48+06.00	LT/RT	36
62+54.00	62+59.00	LT/RT	40
63+39.00	63+46.00	LT/RT	75
TOTAL:			2,700

IMPRINTED THERMOPLASTIC CROSSWALK			
STATION	STATION	OFFSET	AREA
FROM	TO	(LT / RT)	(SQ YD)
<i>N YORK STREET</i>			
22+24.00	22+30.00	LT / RT	60
22+31.00	23+09.00	LT	52
22+25.00	22+96.00	RT	25
23+23.50	23+29.50	LT / RT	53
29+37.00	29+75.00	RT	26
35+97.00	36+43.00	RT	27
42+43.00	42+91.00	LT	30
44+14.00	44+73.00	RT	41
55+61.00	56+02.00	LT	24
55+72.00	56+30.00	RT	34
PAY CODE X2800001			372

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)		
LOCATION	OFFSET	QUANTITY
	(LT/RT)	(EA)
<i>N YORK STREET</i>		
43+03.79	2.15' RT	1
43+03.91	35.34" RT	1
43+18.71	2.14' LT	1
43+19.24	36.46' LT	1
PAY CODE X1400326		4

AGGREGATE SUBGRADE IMPROVEMENT 12"			
STATION	STATION	OFFSET	AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD) (30300112)
FROM	TO	(LT / RT)	
<i>N YORK STREET - MEDIANS</i>			
16+80.00	17+10.00	LT / RT	13
17+87.00	21+00.00	LT / RT	169
21+00.00	22+04.00	LT	37
26+67.00	26+86.00	LT / RT	14
22+57.00	22+70.00	LT	16
29+11.00	29+29.00	LT / RT	14
42+86.00	43+01.00	LT / RT	10
<i>BELDEN AVENUE - WIDENING</i>			
105+75.00	107+95.00	LT	179
105+75.00	107+95.00	RT	181
Total:			633

TEMPORARY ACCESS (PRIVATE ENTRANCE)		
<i>N YORK STREET</i>		
STATION	OFFSET	QUANTITY
	(LT / RT)	(EA)
19+83.00	RT	1
38+23.00	RT	1
39+47.00	RT	1
53+35.00	RT	1
54+06.00	RT	1
PAY CODE X4021000		5

TEMPORARY ACCESS (COMMERCIAL ENTRANCE)		
<i>N YORK STREET</i>		
STATION	OFFSET	QUANTITY
	(LT / RT)	(EA)
17+85.55	RT	1
18+58.71	LT	1
18+93.63	LT	1
21+20.89	RT	1
26+44.42	LT	1
26+95.71	RT	1
18+79.87	RT	1
29+50.83	LT	1
31+26.46	LT	1
32+02.76	RT	1
33+01.93	RT	1
33+28.63	LT	1
34+18.97	LT	1
34+97.47	RT	1
36+54.51	LT	1
38+87.37	LT	1
44+41.98	RT	1
44+56.79	LT	1
45+80.00	LT	1
46+42.86	LT	1
47+38.58	LT	1
48+37.96	LT	1
48+68.23	RT	1
49+11.30	LT	1
49+50.37	RT	1
49+52.93	LT	1
50+21.74	LT	1
50+80.44	LT	1
51+95.15	LT	1
52+72.22	LT	1
53+33.78	RT	1
53+73.02	LT	1
54+05.29	RT	1
54+53.15	LT	1
54+83.74	RT	1
55+15.36	LT	1
57+59.17	LT	1
58+20.58	LT	1
58+92.77	LT	1
59+32.86	LT	1
59+71.41	LT	1
60+15.97	LT	1
60+77.85	LT	1
61+87.09	LT	1
62+34.41	LT	1
64+01.97	LT	1
PAY CODE X4022000		46

SANITARY MANHOLES TO BE ADJUSTED		
LOCATION	OFFSET	QUANTITY
	(LT/RT)	(EA)
<i>N YORK STREET</i>		
55+75.46	35.30' LT	1
55+94.18	26.32' LT	1
<i>BELDEN AVENUE</i>		
107+10.56	31.58' LT	1
PAY CODE X6026050		3

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)		
STATION	OFFSET	QUANTITY
	(LT / RT)	(EACH)
<i>N YORK STREET</i>		
17+18.76	1.20' RT	1
17+83.99	21.57' RT	1
18+06.50	41.94' LT	1
19+01.02	4.48' RT	1
19+01.76	51.26' LT	1
22+28.08	31.70' LT	1
23+02.84	43.46' RT	1
23+03.62	22.84' LT	1
23+12.12	24.27' LT	1
23+51.26	18.46' LT	1
23+50.55	11.17' LT	1
24+58.70	16.29' LT	1
25+41.97	17.12' LT	1
26+39.79	30.84' LT	1
26+52.08	30.87' LT	1
26+60.75	32.00' LT	1
26+69.49	30.44' RT	1
27+53.18	18.42' LT	1
27+67.94	16.97' LT	1
27+50.56	27.99' RT	1
28+53.45	16.07' LT	1
28+83.10	32.06' LT	1
28+93.56	16.41' LT	1
29+29.52	29.62' LT	1
29+44.36	10.55' LT	1
29+54.22	25.17' RT	1
29+55.98	16.78' LT	1
30+05.57	24.53' LT	1
30+25.08	18.00' LT	1
31+50.52	19.00' LT	1
31+68.69	26.40' LT	1
32+56.66	24.96' LT	1
32+96.52	20.10' LT	1
33+26.77	25.76' RT	1
34+63.19	28.01' RT	1
34+67.79	27.12' LT	1
34+72.53	19.38' LT	1
35+00.13	25.22' RT	1
35+42.79	19.27' LT	1
35+99.76	28.89' LT	1
36+40.66	32.30' RT	1
36+52.19	21.02' LT	1
36+67.50	13.72' LT	1
37+03.17	30.38' LT	1
37+59.32	23.72' LT	1
39+36.40	26.17' LT	1
39+41.26	18.68' LT	1
41+05.09	19.30' LT	1
42+38.99	22.26' LT	1
42+50.55	45.45' LT	1
43+16.85	32.60' LT	1
43+18.16	12.28' LT	1
44+02.02	25.25' LT	1
46+04.05	41.99' LT	1
49+09.86	25.85' LT	1
50+35.04	30.00' LT	1
51+12.75	15.63' LT	1
51+34.33	43.04' LT	1
51+72.78	14.66' LT	1
52+28.07	27.30' LT	1
53+95.30	44.12' LT	1
55+65.38	51.35' LT	1
56+04.62	25.67' LT	1
56+25.41	19.72' LT	1
57+30.59	30.33' LT	1
58+92.80	26.21' LT	1
59+34.30	13.37' LT	1
60+15.84	27.61' LT	1
60+91.99	28.80' LT	1
61+14.74	28.63' LT	1
61+39.74	25.34' LT	1
62+07.61	26.60' LT	1
65+29.85	26.96' LT	1
65+29.91	34.57' RT	1
PAY CODE X6030310		74



USER NAME = cesario  
 PLOT SCALE = 48.0000' / in.  
 PLOT DATE = 10/27/2022

DESIGNED - MTC  
 DRAWN - MTC  
 CHECKED - MTC  
 DATE - 11/02/2022

REVISED - 08/03/2022  
 REVISED -  
 REVISED -  
 REVISED -

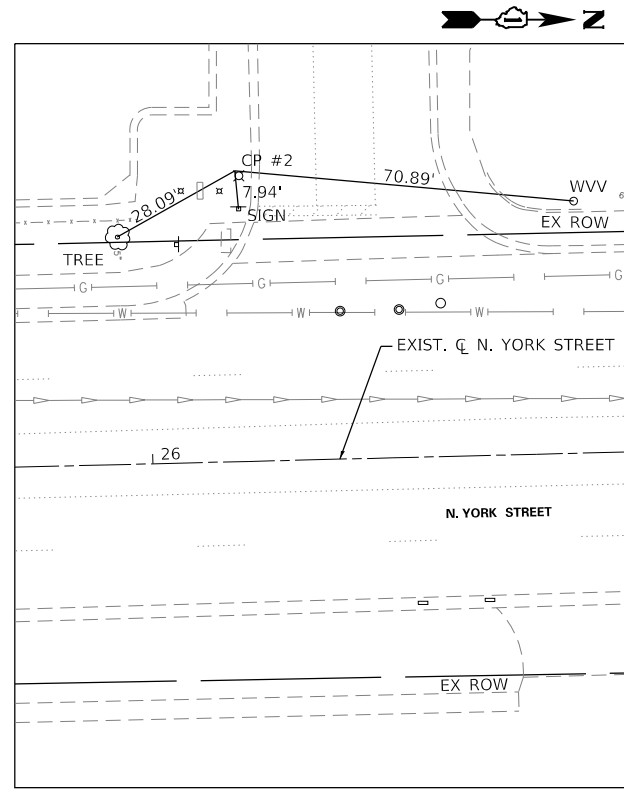
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
 SUMMARY OF QUANTITIES

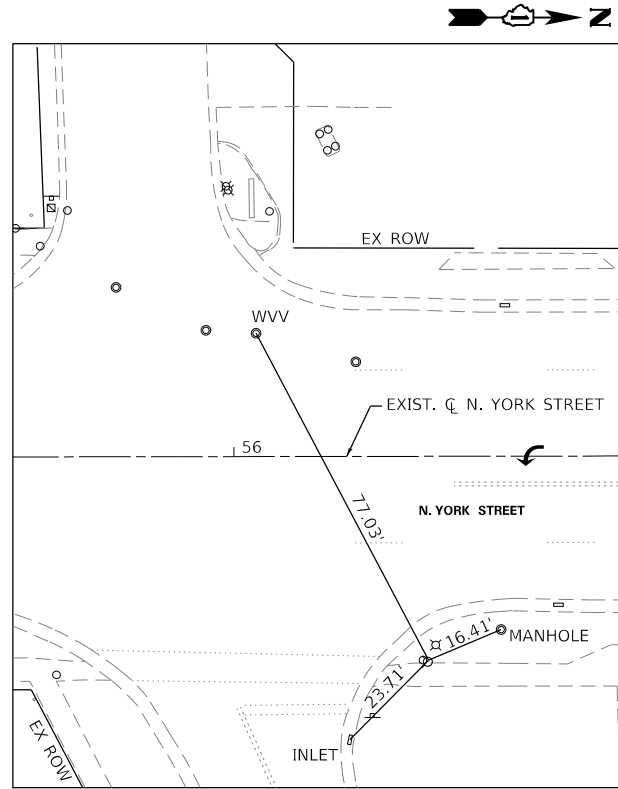
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 2678 20-00198-00-R5 DUPAGE 88 24  
 CONTRACT NO. 61H91  
 ILLINOIS FED. AID PROJECT





CONTROL POINT #2  
 N. YORK STREET  
 N: 1913700.8920  
 E: 1091307.7920  
 SCALE: 1"=20'



CONTROL POINT #9  
 N. YORK STREET  
 N: 1916723.9150  
 E: 1091414.3490  
 SCALE: 1"=20'

**BENCHMARK**

LOCATED ALONG THE NORTH SIDE OF GRAND AVENUE, EAST OF THE "T" INTERSECTION WITH GARY DRIVE AT ITS CROSSING OF SILVER CREEK.

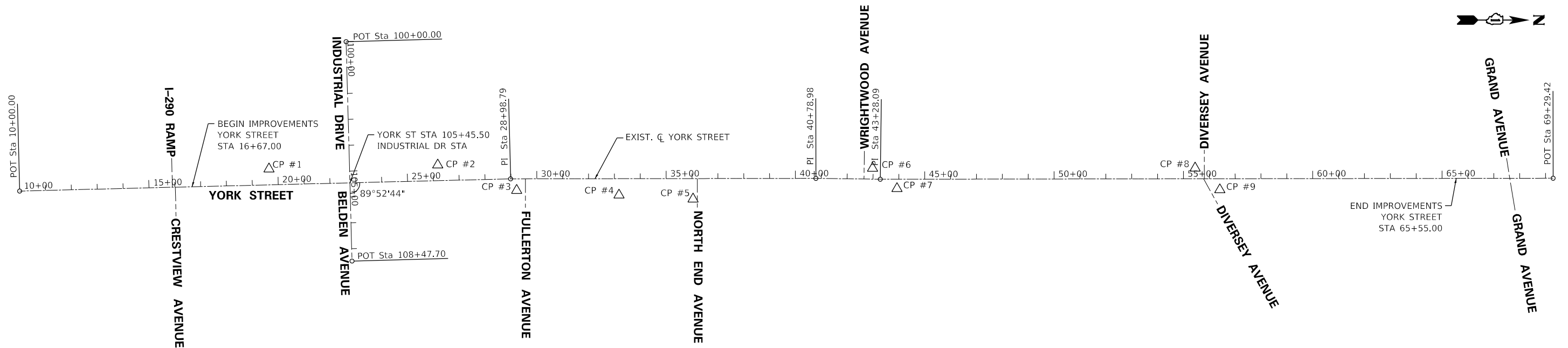
STATION IS 34.1 FEET NORTH OF THE CENTERLINE OF GRAND AVENUE, 32.0 FEET EAST OF THE CENTERLINE OF AN ENTRANCE FOR OFFICE BUILDING #10632, AND 104.7 FEET WEST OF A STREET LIGHT.

MONUMENT IS 3.5 INCH BRASS DISK ON THE WEST END OF THE HEADWALL FOR SILVER CREEK, 1.0 FEET ABOVE STREET SURFACE.

N: 1917593.7990  
 E: 1104857.8670  
 ELEV.: 643.66

STATION	ELEMENT TYPE	NORTHING	EASTING
COORDINATE DATA TABLE - YORK STREET			
10+00.00	POT	1912083.9795	1091402.7720
28+98.79	PI	1913982.3365	1091362.4125
40+78.98	PI	1915162.5292	1091364.8051
43+28.09	PI	1915411.5991	1091369.1197
69+29.42	POT	1918012.9221	1091374.5585
COORDINATE DATA TABLE - INDUSTRIAL DRIVE / BELDEN AVENUE			
100+00.00	POT	1913348.2242	1090830.2743
108+47.70	POT	1913368.0331	1091677.7475

DESCRIPTION	STATION	OFFSET	ELEMENT TYPE	NORTHING	EASTING	ELEVATION
CONTROL POINT SUMMARY - YORK STREET						
CP #1	19+66.03	61.35 LT	NW BOLT ON FIRE HYDRANT	1913048.4890	1091320.9020	690.50
CP #2	26+18.57	60.59 LT	LIGHT POLE BASE	1913700.8920	1091307.7920	690.45
CP #3	29+21.98	44.55 RT	NW BOLT ON FIRE HYDRANT	1914005.4420	1091407.0120	686.72
CP #4	33+17.70	63.29 RT	LIGHT POLE BASE	1914401.1220	1091426.5490	688.56
CP #5	36+03.81	79.06 RT	NW BOLT ON FIRE HYDRANT	1914687.2000	1091442.8980	683.30
CP #6	42+97.57	42.00 LT	NW BOLT ON FIRE HYDRANT	1915381.8090	1091326.6030	680.69
CP #7	43+92.62	36.09 RT	LIGHT POLE BASE	1915476.0600	1091405.3440	678.78
CP #8	55+45.14	41.24 LT	NW BOLT ON FIRE HYDRANT	1916628.7310	1091330.4250	678.89
CP #9	56+40.50	42.49 RT	NW BOLT ON FIRE HYDRANT	1916723.9150	1091414.3490	679.07



USER NAME = cesario  
 DESIGNED - MTC  
 DRAWN - MTC  
 CHECKED - MTC  
 DATE - 11/02/2022

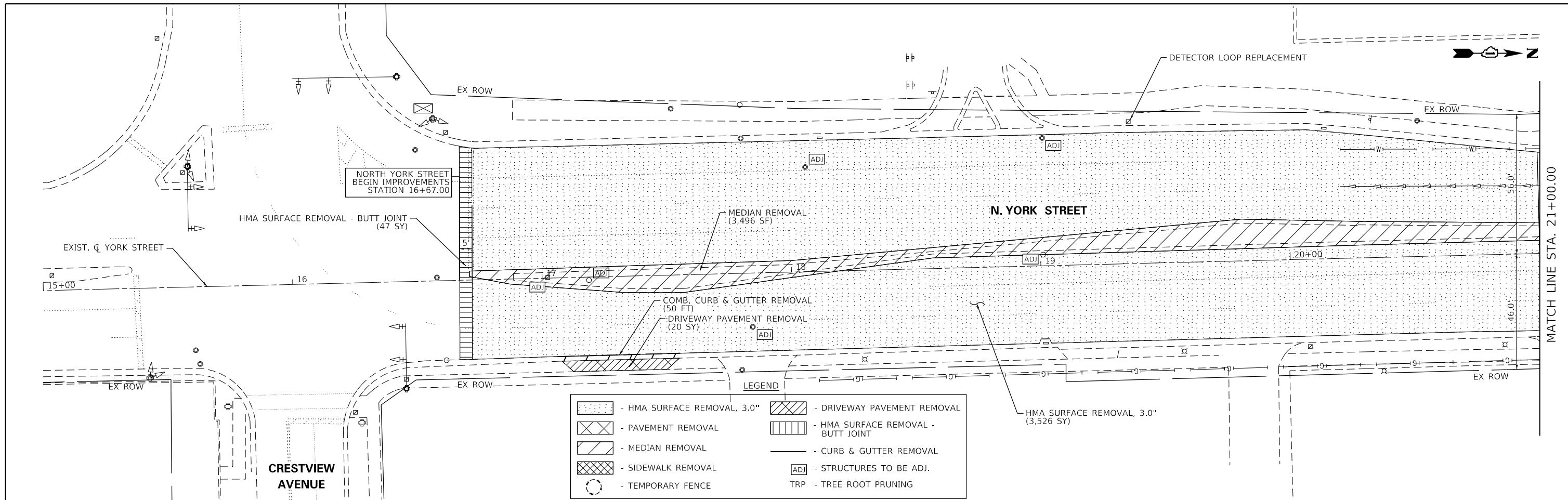
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
 ALIGNMENT, TIES AND BENCHMARKS

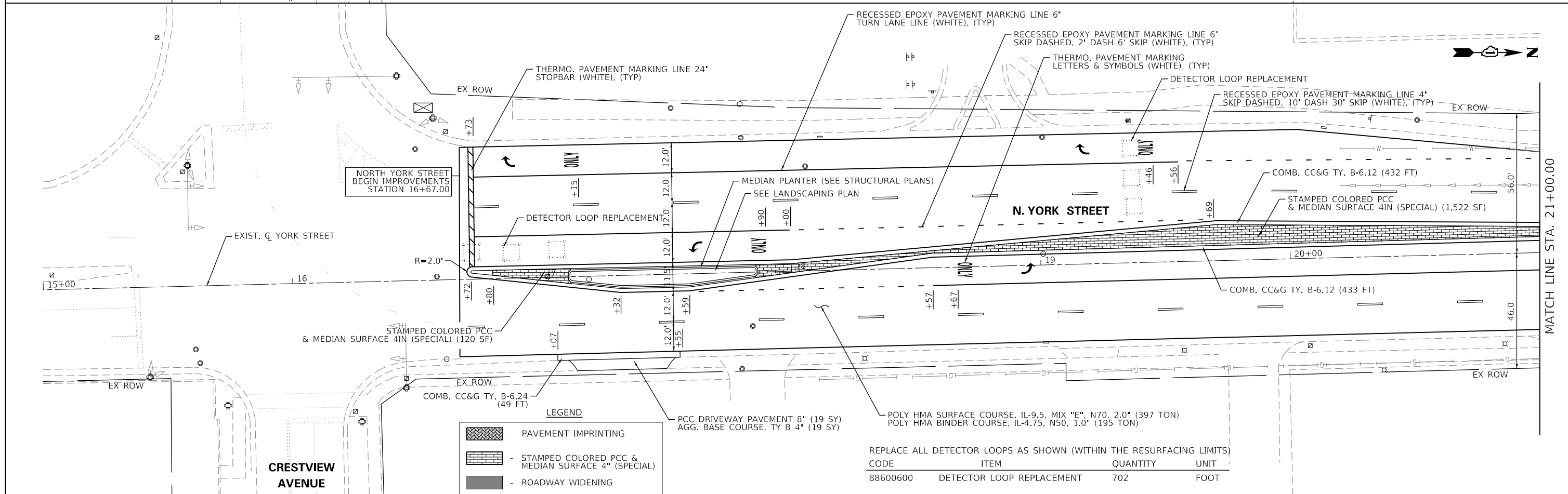
SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	25
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL, 3.0"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- TEMPORARY FENCE
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- CURB & GUTTER REMOVAL
- STRUCTURES TO BE ADJ.
- TREE ROOT PRUNING



**LEGEND**

- PAVEMENT IMPRINTING
- STAMPED COLORED PCC & MEDIAN SURFACE 4" (SPECIAL)
- ROADWAY WIDENING

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	702	FOOT



USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
PLOT SCALE = 48:0" = 1"	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

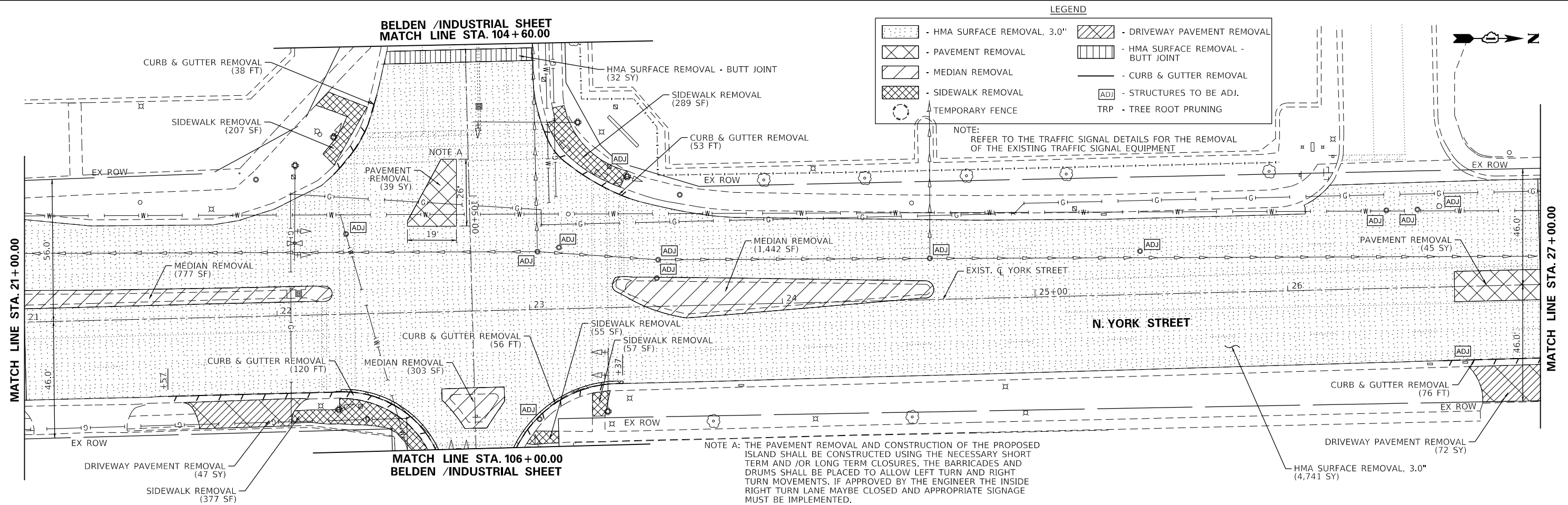
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
REMOVAL & PROPOSED ROADWAY PLAN**

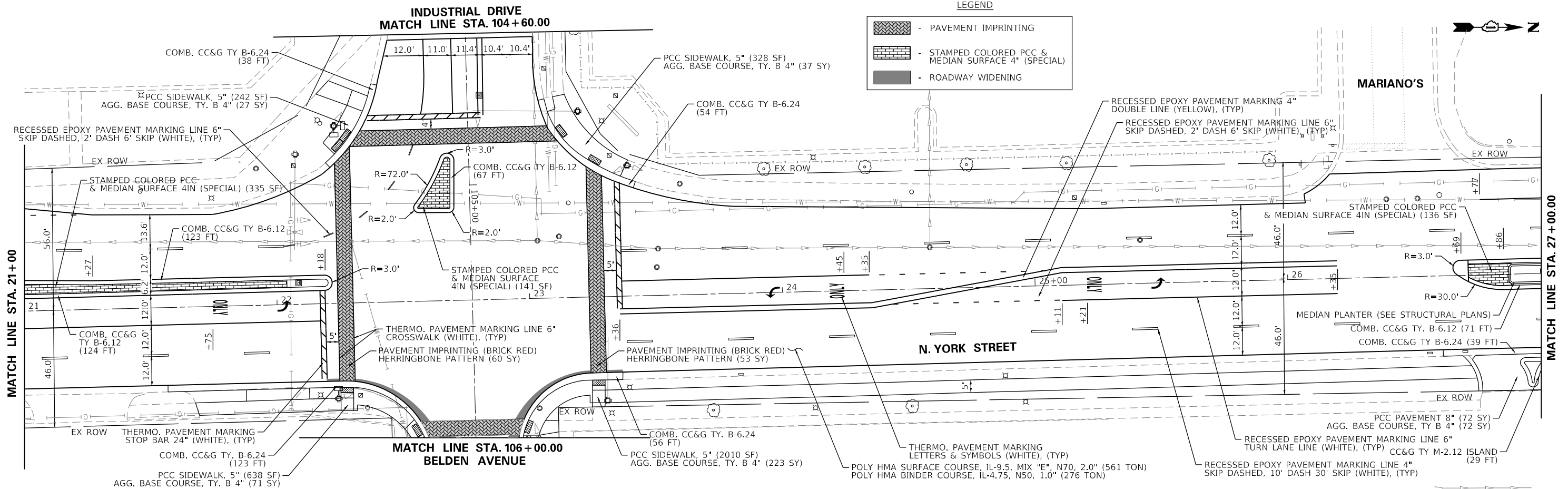
SCALE: 1"=20'    SHEET 1 OF 10 SHEETS    STA. 15+00.00 TO STA. 21+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	26
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

**BELDEN /INDUSTRIAL SHEET  
MATCH LINE STA. 104+60.00**



**INDUSTRIAL DRIVE  
MATCH LINE STA. 104+60.00**



USER NAME - cesario	DESIGNED - MTC	REVISED - 08/03/2022
PLOT SCALE - 48.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE - 10/28/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

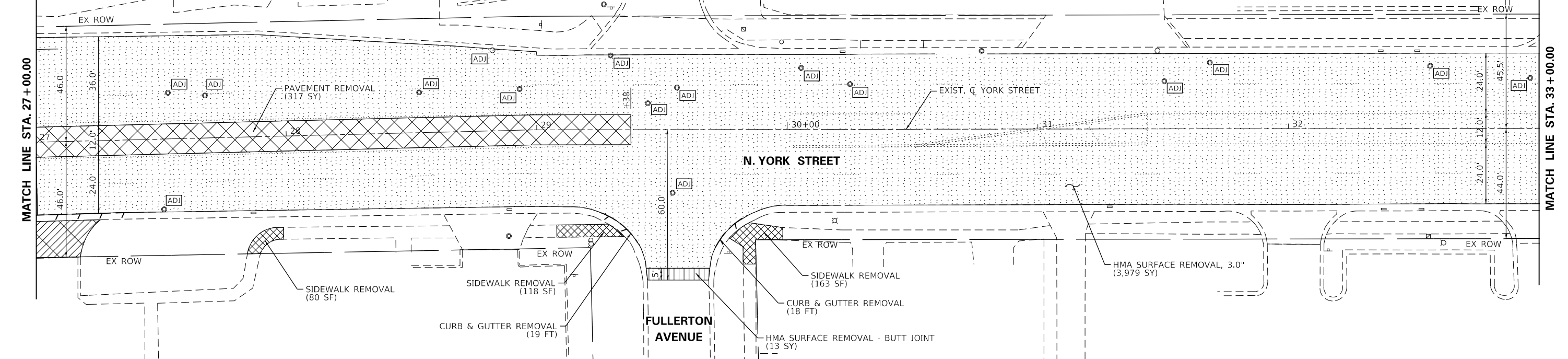
**NORTH YORK STREET - ROADWAY REHABILITATION  
REMOVAL & PROPOSED ROADWAY PLAN**

SCALE: 1"=20'    SHEET 2 OF 10 SHEETS    STA. 21+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	27
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

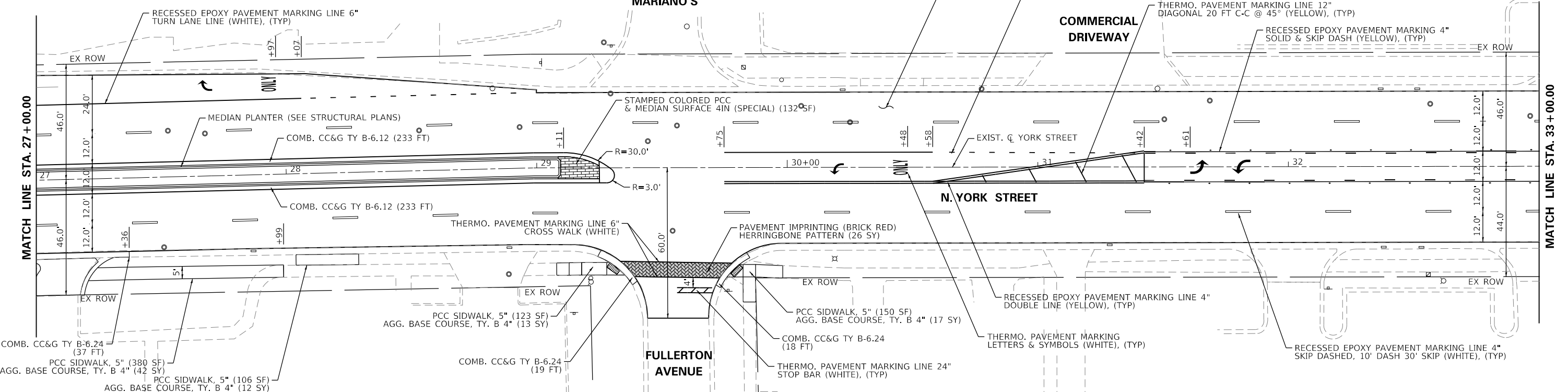
**LEGEND**

	- HMA SURFACE REMOVAL, 3.0"		- DRIVEWAY PAVEMENT REMOVAL
	- PAVEMENT REMOVAL		- HMA SURFACE REMOVAL - BUTT JOINT
	- MEDIAN REMOVAL		- CURB & GUTTER REMOVAL
	- SIDEWALK REMOVAL		- STRUCTURES TO BE ADJ.
	- TEMPORARY FENCE		- TREE ROOT PRUNING



**LEGEND**

	- PAVEMENT IMPRINTING
	- STAMPED COLORED PCC & MEDIAN SURFACE 4\"/>
	- ROADWAY WIDENING



USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

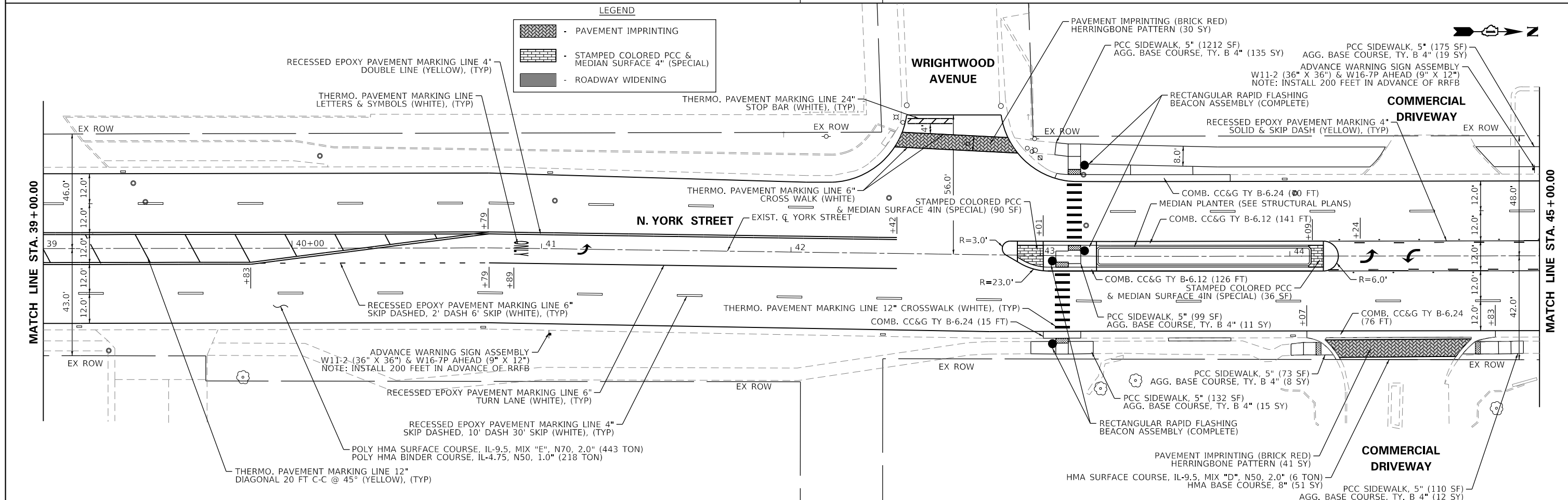
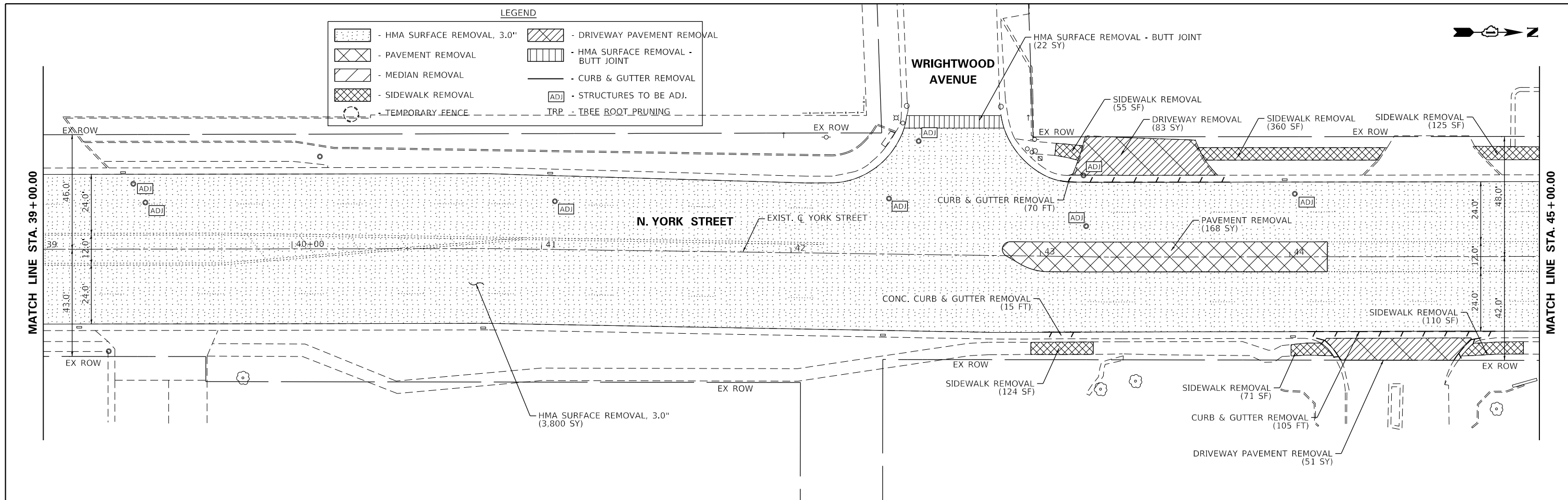
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
REMOVAL & PROPOSED ROADWAY PLAN**

SCALE: 1"=20'    SHEET 3 OF 10 SHEETS    STA. 27+00.00 TO STA. 33+00.00

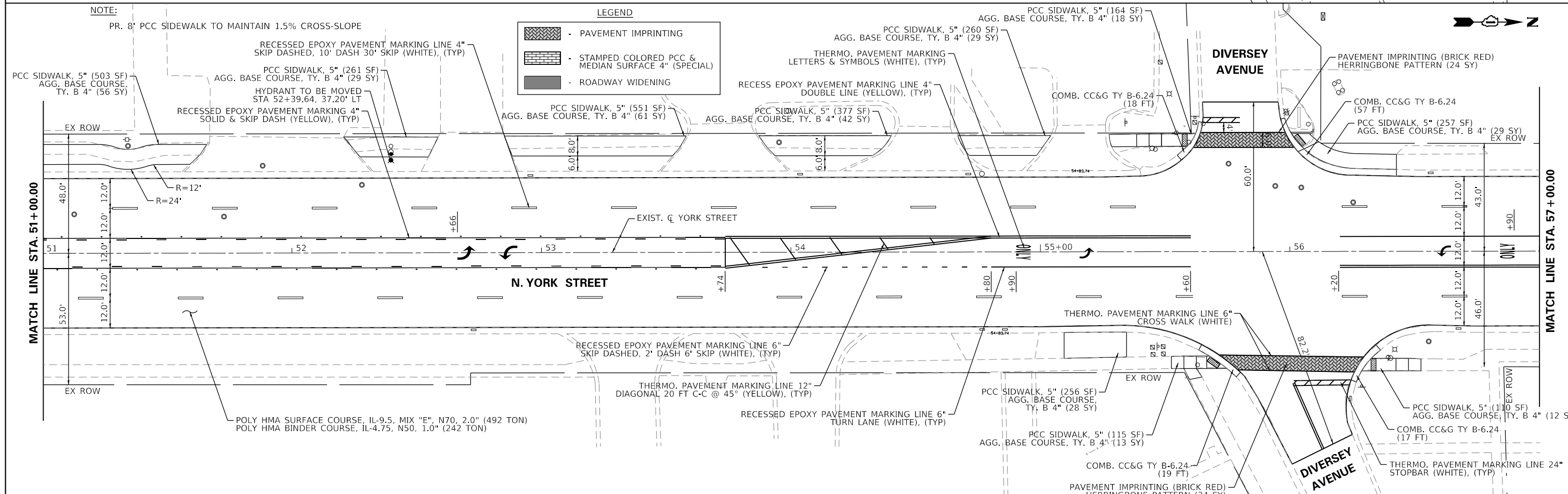
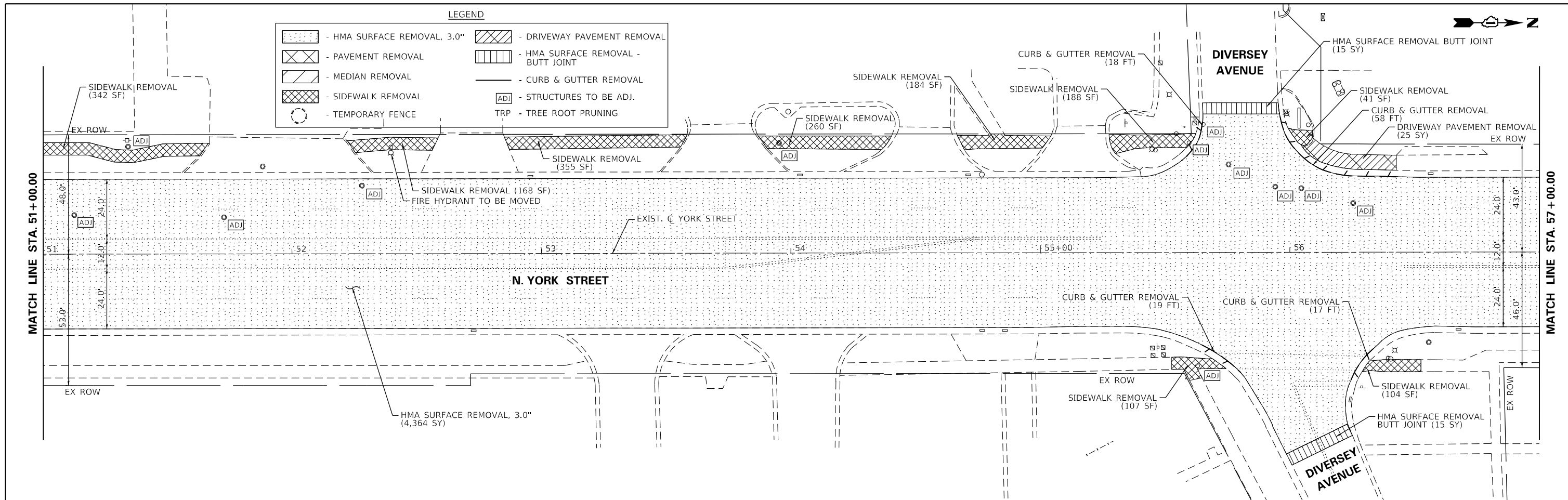
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	28
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				





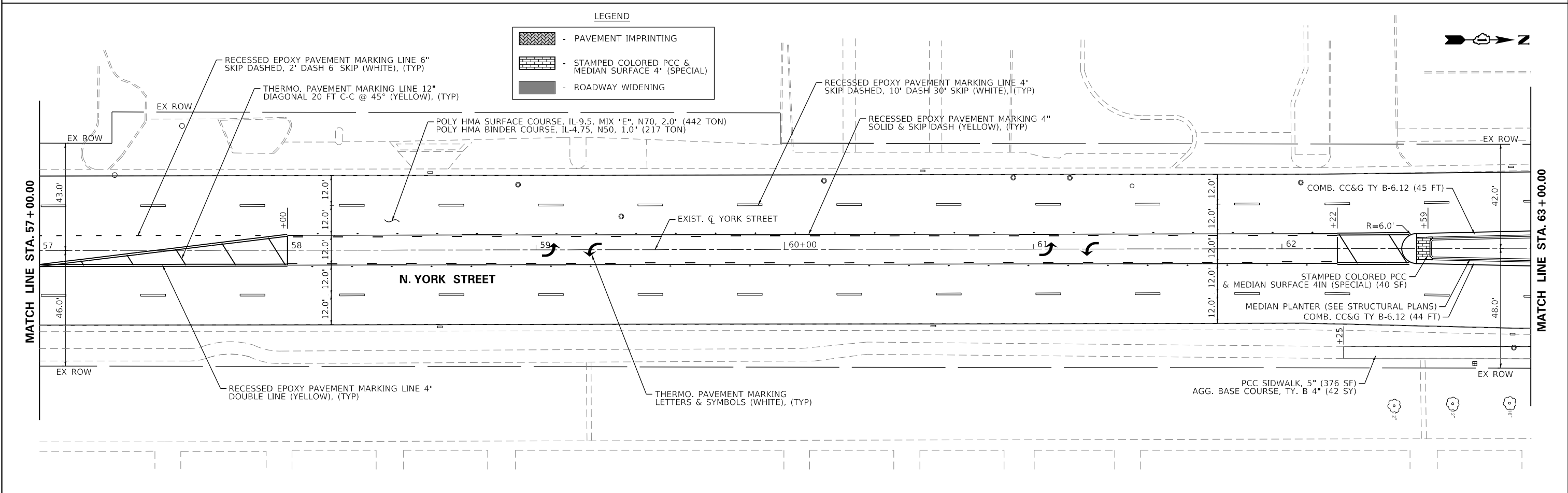
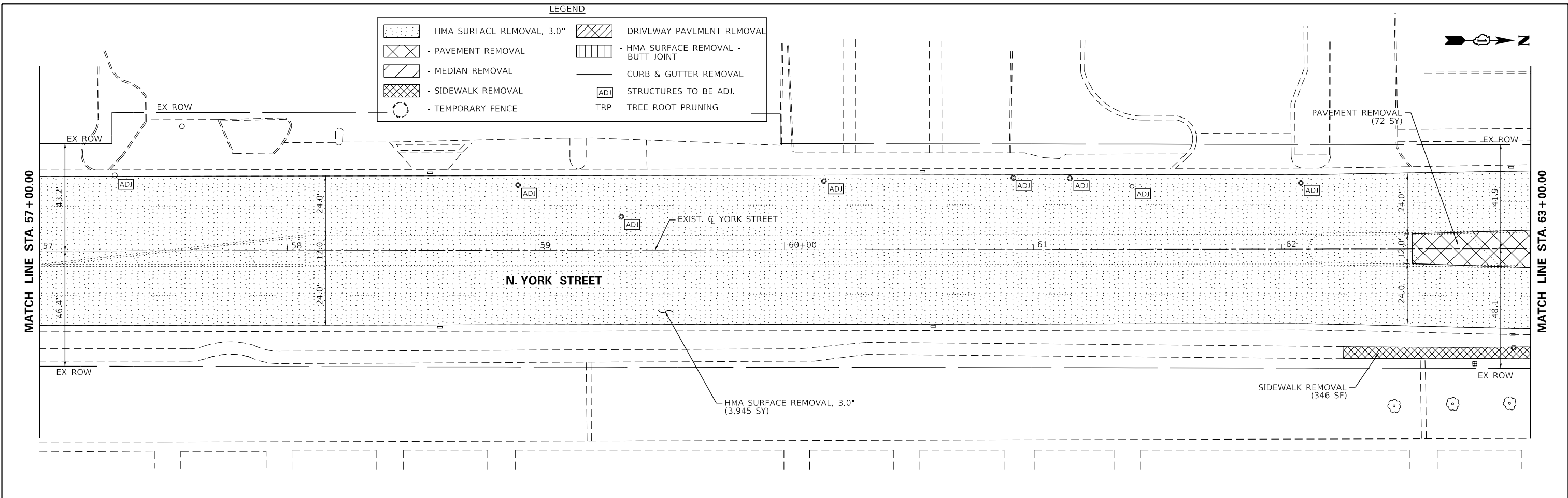
	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>NORTH YORK STREET - ROADWAY REHABILITATION</b> <b>REMOVAL &amp; PROPOSED ROADWAY PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48:0' 1" / in.	DRAWN - MTC	REVISED -			2678	20-00198-00-R5	DUPAGE	88	30
	PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -			CONTRACT NO. 61H91				
				SCALE: 1"=20'		SHEET 5 OF 10 SHEETS		STA. 39+00.00 TO STA. 45+00.00		ILLINOIS FED. AID PROJECT

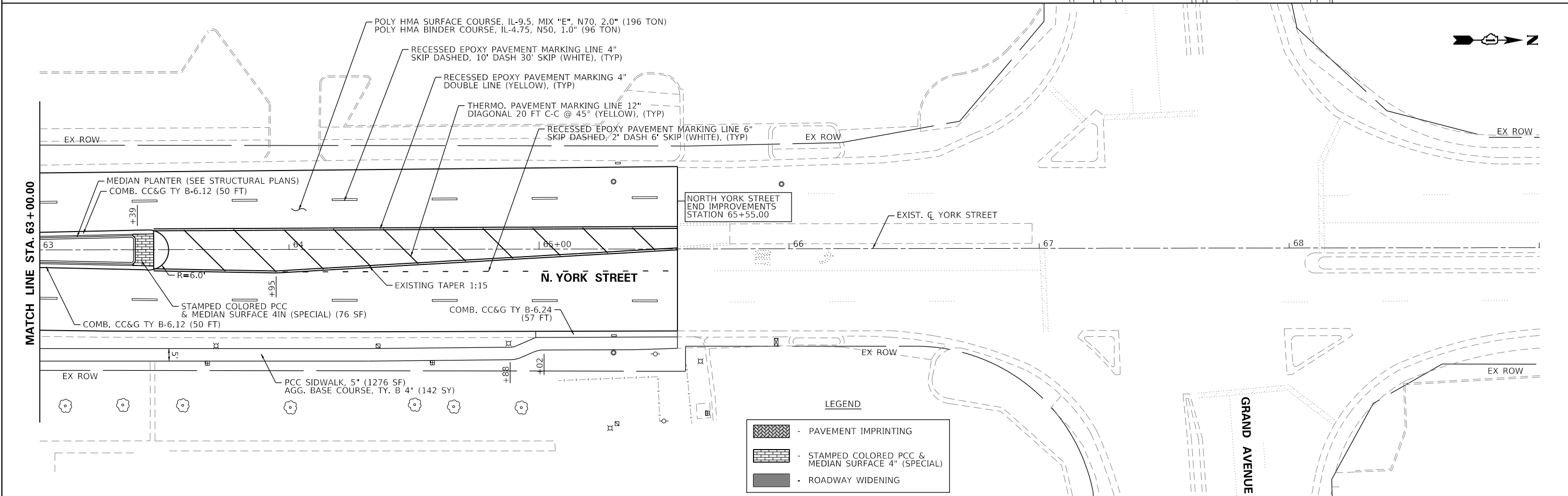
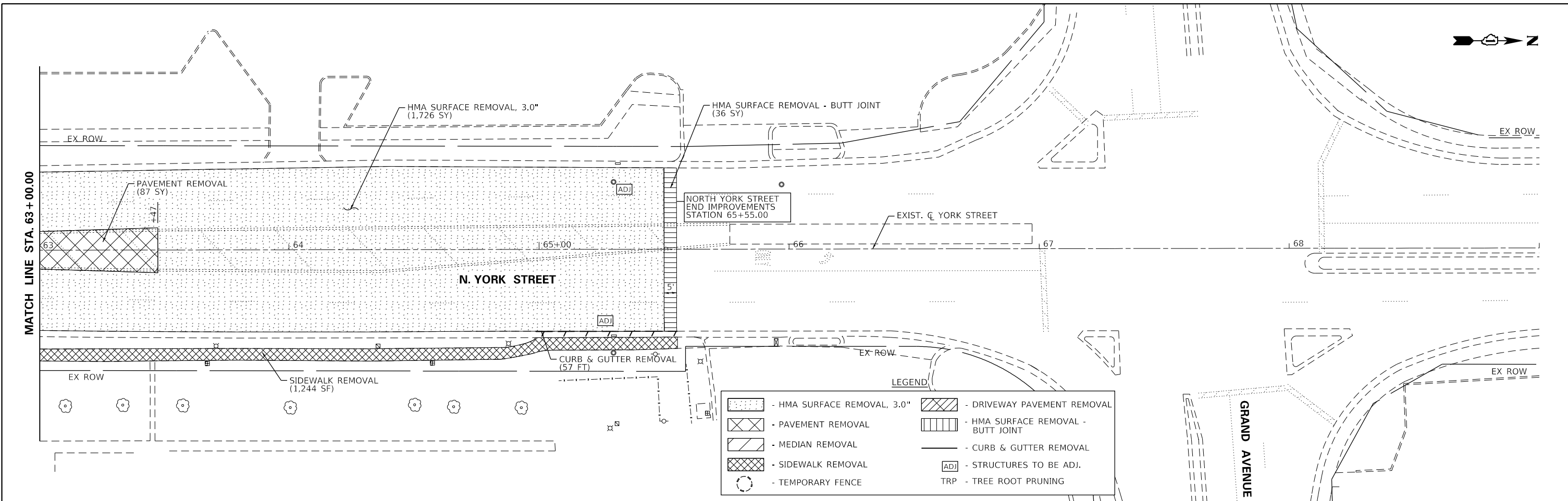




	USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>NORTH YORK STREET - ROADWAY REHABILITATION</b> <b>REMOVAL &amp; PROPOSED ROADWAY PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -			2678	20-00198-00-R5	DUPAGE	88	32
	PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -			CONTRACT NO. 61H91				
				SCALE: 1"=20'		SHEET 7 OF 10 SHEETS		STA. 51+00.00 TO STA. 57+00.00		ILLINOIS FED. AID PROJECT







USER NAME = cesario	DESIGNED - MTC	REVISED - 08/03/2022
PLOT SCALE = 48:0" = 1" = 1/4"	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -











**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

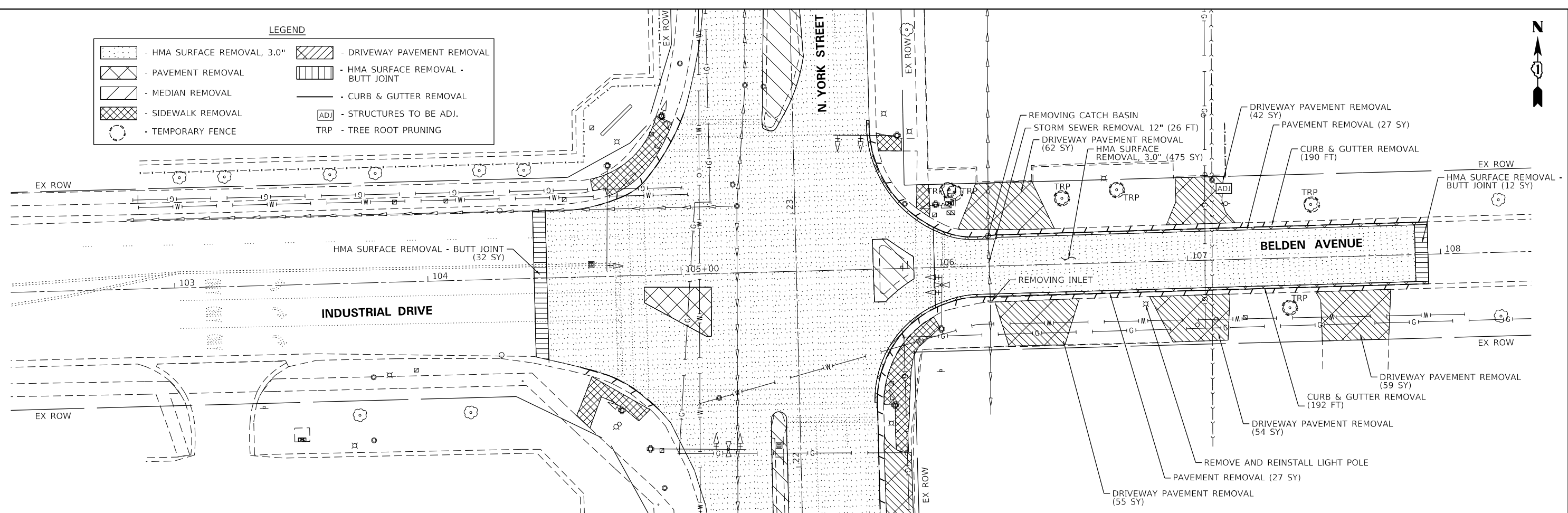
**NORTH YORK STREET - ROADWAY REHABILITATION  
REMOVAL & PROPOSED ROADWAY PLAN**

SCALE: 1"=20'    SHEET 9 OF 10 SHEETS    STA. 63+00.00 TO STA. 69+00.00




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	34
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

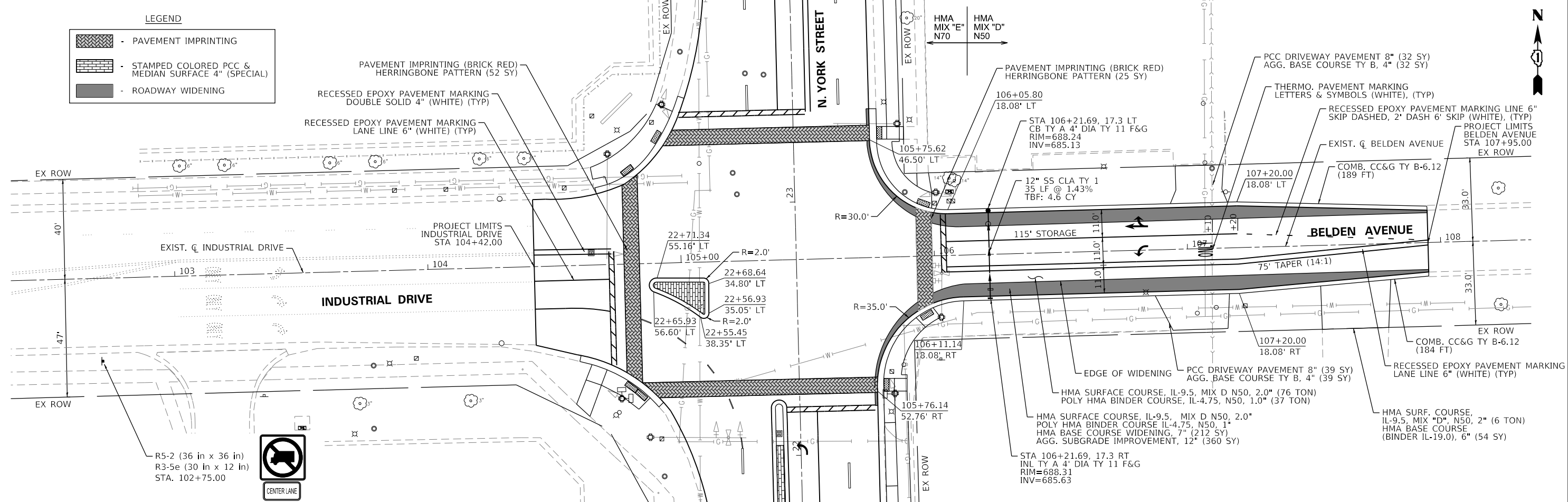
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**LEGEND**



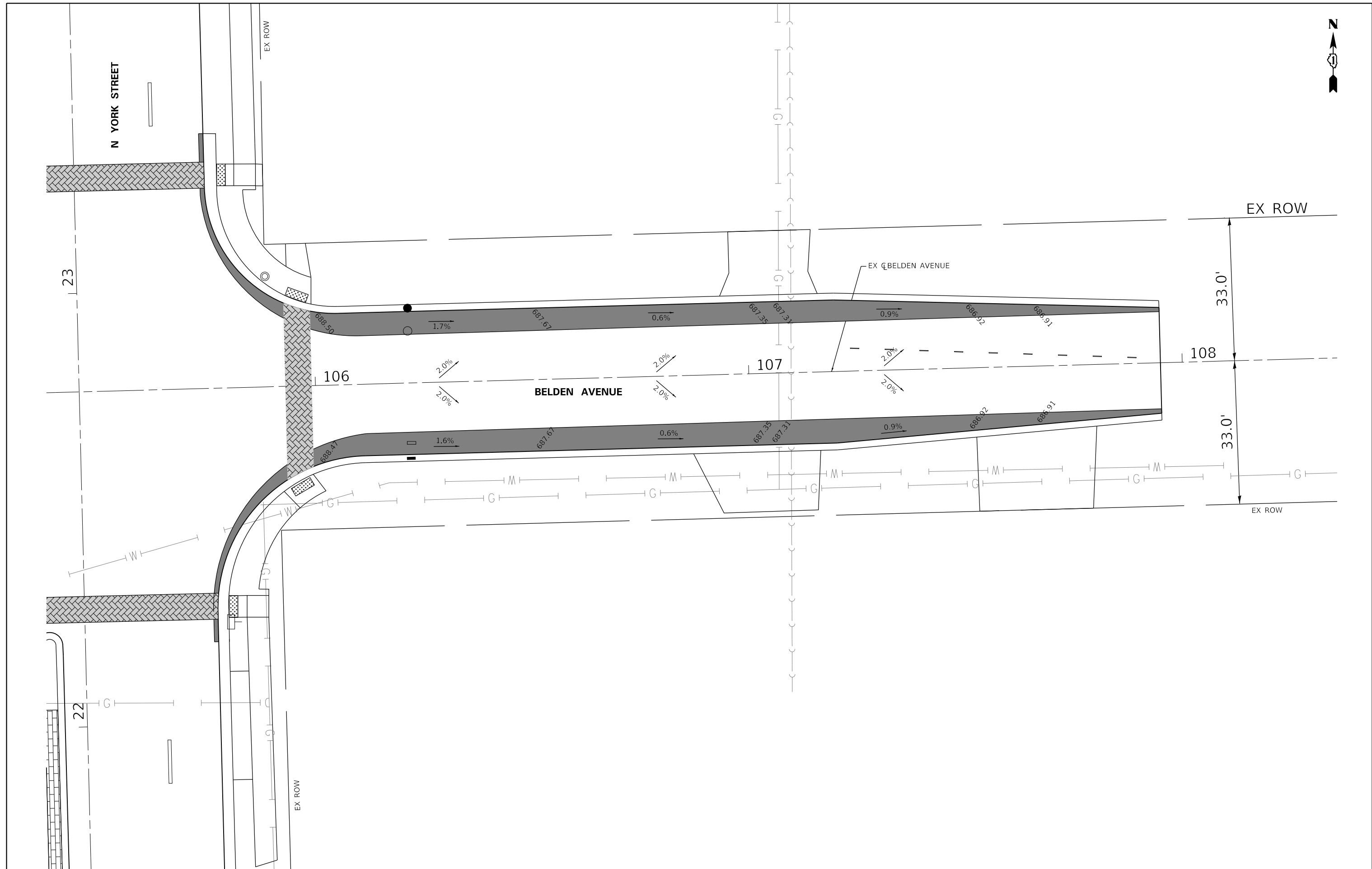
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PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/28/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
REMOVAL & PROPOSED ROADWAY PLAN**

SCALE: 1"=20' SHEET 10 OF 10 SHEETS STA. 102+00.00 TO STA. 108+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	35
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



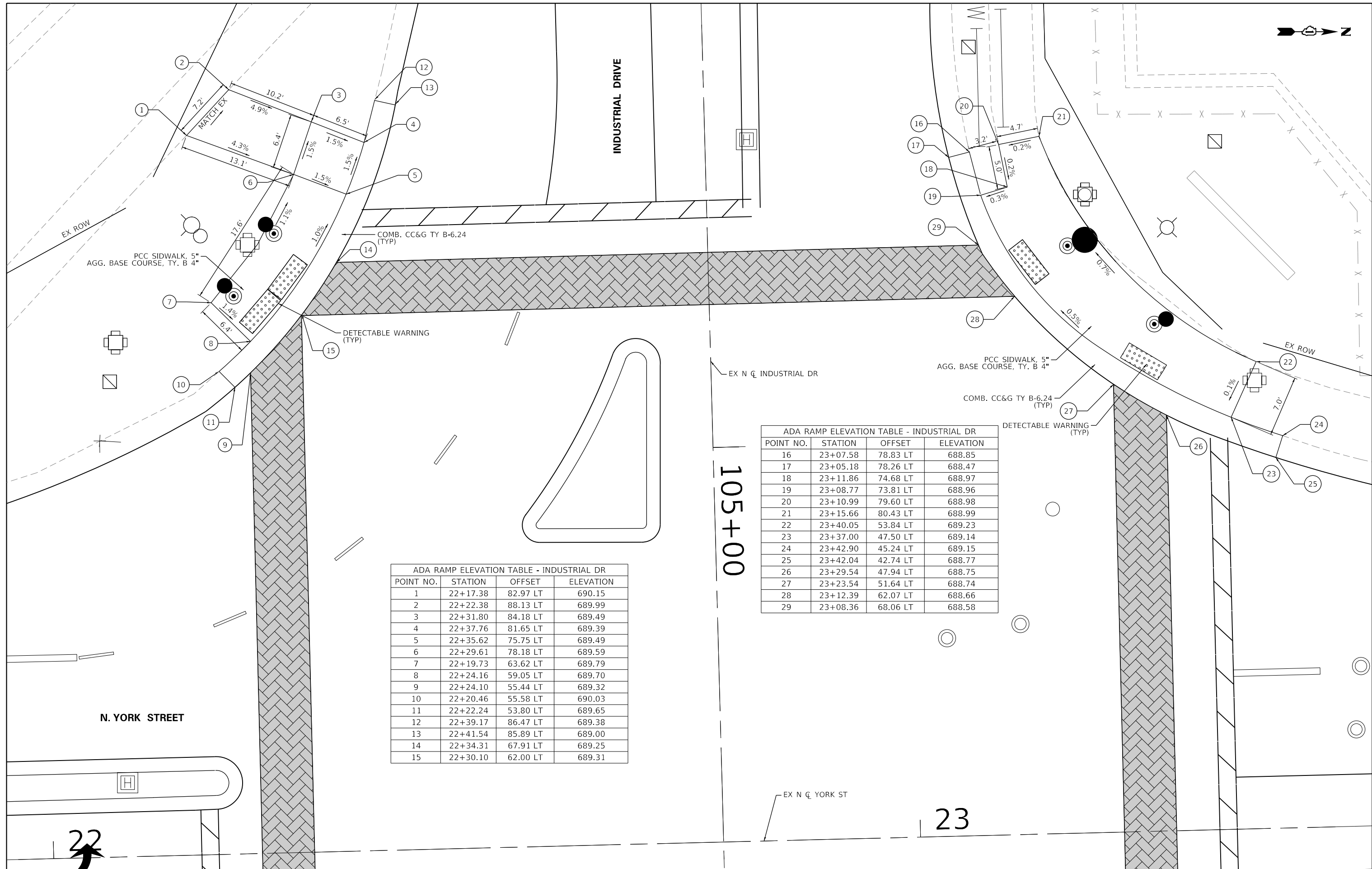
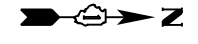
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	DRAWN - MTC	REVISED -
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PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
GRADING PLAN - BELDEN AVENUE**

SCALE: 1"=10'    SHEET 1 OF 1 SHEETS    STA. 106+00.00 TO STA. 108+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	36
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



105+00

ADA RAMP ELEVATION TABLE - INDUSTRIAL DR

POINT NO.	STATION	OFFSET	ELEVATION
1	22+17.38	82.97 LT	690.15
2	22+22.38	88.13 LT	689.99
3	22+31.80	84.18 LT	689.49
4	22+37.76	81.65 LT	689.39
5	22+35.62	75.75 LT	689.49
6	22+29.61	78.18 LT	689.59
7	22+19.73	63.62 LT	689.79
8	22+24.16	59.05 LT	689.70
9	22+24.10	55.44 LT	689.32
10	22+20.46	55.58 LT	690.03
11	22+22.24	53.80 LT	689.65
12	22+39.17	86.47 LT	689.38
13	22+41.54	85.89 LT	689.00
14	22+34.31	67.91 LT	689.25
15	22+30.10	62.00 LT	689.31

ADA RAMP ELEVATION TABLE - INDUSTRIAL DR

POINT NO.	STATION	OFFSET	ELEVATION
16	23+07.58	78.83 LT	688.85
17	23+05.18	78.26 LT	688.47
18	23+11.86	74.68 LT	688.97
19	23+08.77	73.81 LT	688.96
20	23+10.99	79.60 LT	688.98
21	23+15.66	80.43 LT	688.99
22	23+40.05	53.84 LT	689.23
23	23+37.00	47.50 LT	689.14
24	23+42.90	45.24 LT	689.15
25	23+42.04	42.74 LT	688.77
26	23+29.54	47.94 LT	688.75
27	23+23.54	51.64 LT	688.74
28	23+12.39	62.07 LT	688.66
29	23+08.36	68.06 LT	688.58

N. YORK STREET

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

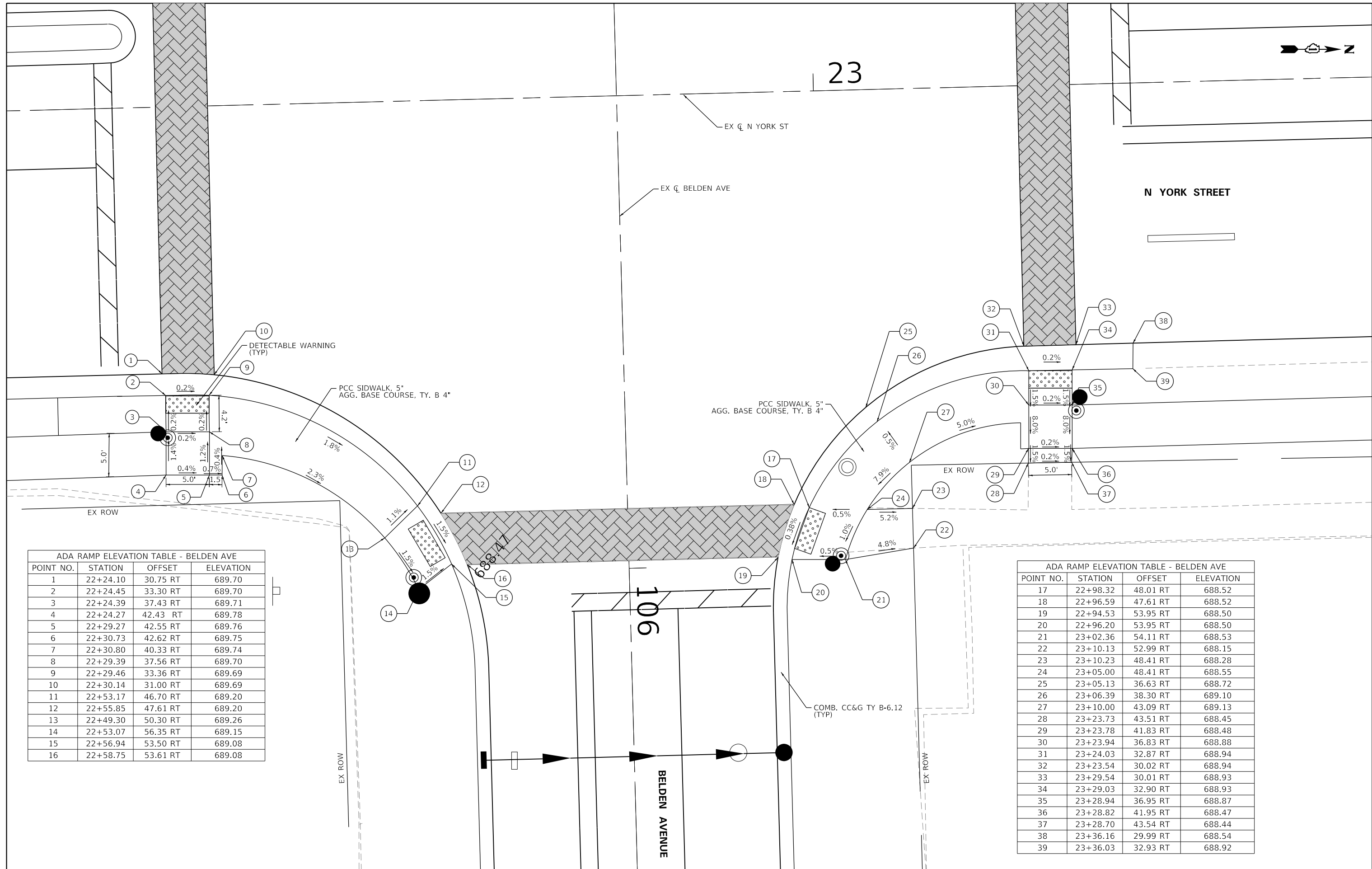
**NORTH YORK STREET - ROADWAY REHABILITATION  
ADA RAMP ELEVATION PLAN**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	37
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

SCALE: 1"=5'    SHEET 1 OF 8 SHEETS    STA. N/A TO STA. N/A



ADA RAMP ELEVATION TABLE - BELDEN AVE

POINT NO.	STATION	OFFSET	ELEVATION
1	22+24.10	30.75 RT	689.70
2	22+24.45	33.30 RT	689.70
3	22+24.39	37.43 RT	689.71
4	22+24.27	42.43 RT	689.78
5	22+29.27	42.55 RT	689.76
6	22+30.73	42.62 RT	689.75
7	22+30.80	40.33 RT	689.74
8	22+29.39	37.56 RT	689.70
9	22+29.46	33.36 RT	689.69
10	22+30.14	31.00 RT	689.69
11	22+53.17	46.70 RT	689.20
12	22+55.85	47.61 RT	689.20
13	22+49.30	50.30 RT	689.26
14	22+53.07	56.35 RT	689.15
15	22+56.94	53.50 RT	689.08
16	22+58.75	53.61 RT	689.08

ADA RAMP ELEVATION TABLE - BELDEN AVE

POINT NO.	STATION	OFFSET	ELEVATION
17	22+98.32	48.01 RT	688.52
18	22+96.59	47.61 RT	688.52
19	22+94.53	53.95 RT	688.50
20	22+96.20	53.95 RT	688.50
21	23+02.36	54.11 RT	688.53
22	23+10.13	52.99 RT	688.15
23	23+10.23	48.41 RT	688.28
24	23+05.00	48.41 RT	688.55
25	23+05.13	36.63 RT	688.72
26	23+06.39	38.30 RT	689.10
27	23+10.00	43.09 RT	689.13
28	23+23.73	43.51 RT	688.45
29	23+23.78	41.83 RT	688.48
30	23+23.94	36.83 RT	688.88
31	23+24.03	32.87 RT	688.94
32	23+23.54	30.02 RT	688.94
33	23+29.54	30.01 RT	688.93
34	23+29.03	32.90 RT	688.93
35	23+28.94	36.95 RT	688.87
36	23+28.82	41.95 RT	688.47
37	23+28.70	43.54 RT	688.44
38	23+36.16	29.99 RT	688.54
39	23+36.03	32.93 RT	688.92



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

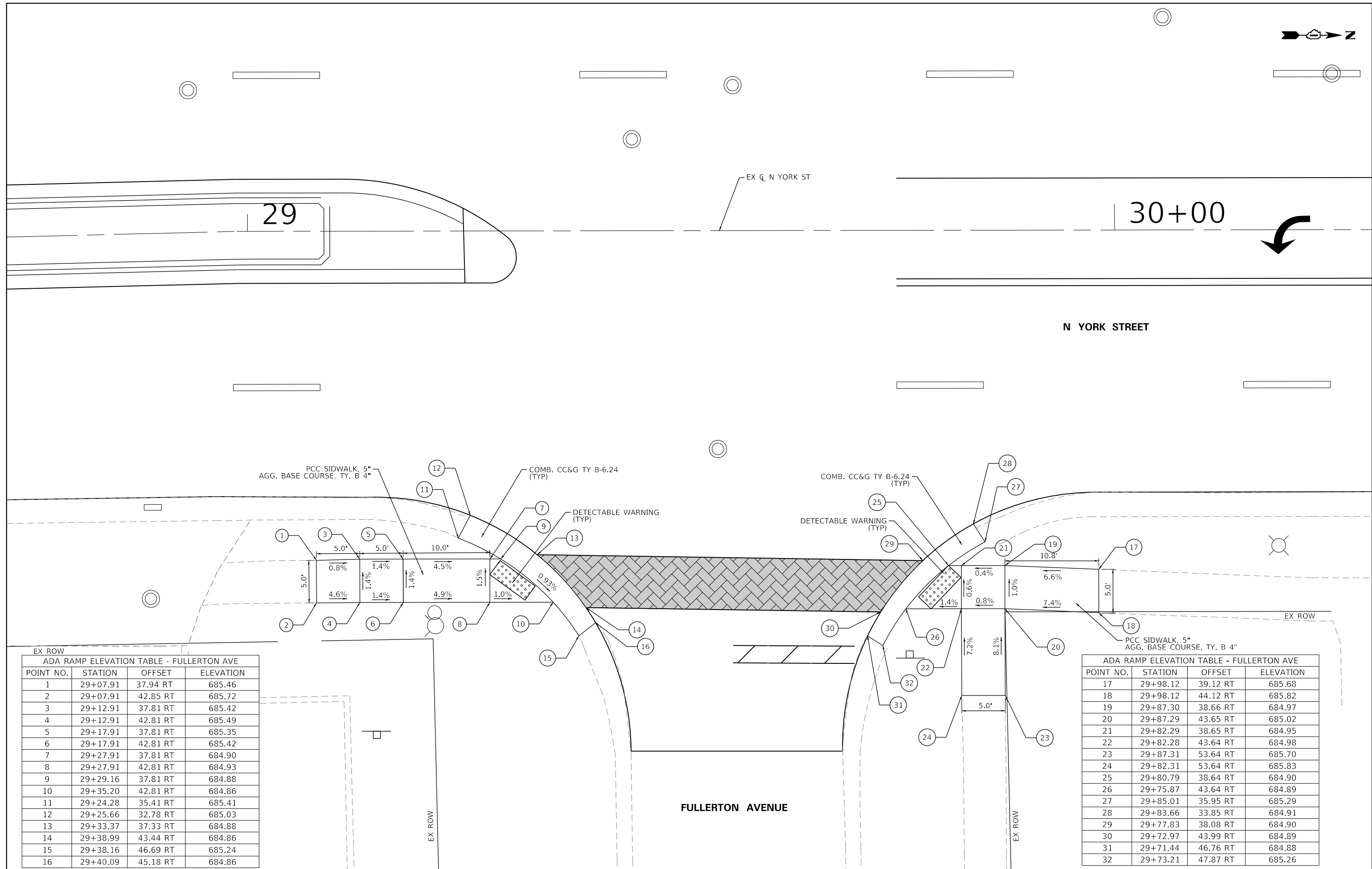
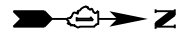
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
ADA RAMP ELEVATION PLAN

SCALE: 1"=5'

SHEET 2 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	38
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



PCC SIDWALK, 5"  
AGG. BASE COURSE, TY. B 4"

COMB. CC&G TY B-6.24  
(TYP)

COMB. CC&G TY B-6.24  
(TYP)

DETECTABLE WARNING  
(TYP)

DETECTABLE WARNING  
(TYP)

PCC SIDWALK, 5"  
AGG. BASE COURSE, TY. B 4"

EX ROW

ADA RAMP ELEVATION TABLE - FULLERTON AVE

POINT NO.	STATION	OFFSET	ELEVATION
1	29+07.91	37.94 RT	685.46
2	29+07.91	42.85 RT	685.72
3	29+12.91	37.81 RT	685.42
4	29+12.91	42.81 RT	685.49
5	29+17.91	37.81 RT	685.35
6	29+17.91	42.81 RT	685.42
7	29+27.91	37.81 RT	684.90
8	29+27.91	42.81 RT	684.93
9	29+29.16	37.81 RT	684.88
10	29+35.20	42.81 RT	684.86
11	29+24.28	35.41 RT	685.41
12	29+25.66	32.78 RT	685.03
13	29+33.37	37.33 RT	684.88
14	29+38.99	43.44 RT	684.86
15	29+38.16	46.69 RT	685.24
16	29+40.09	45.18 RT	684.86

EX ROW

ADA RAMP ELEVATION TABLE - FULLERTON AVE

POINT NO.	STATION	OFFSET	ELEVATION
17	29+98.12	39.12 RT	685.68
18	29+98.12	44.12 RT	685.82
19	29+87.30	38.66 RT	684.97
20	29+87.29	43.65 RT	685.02
21	29+82.29	38.65 RT	684.95
22	29+82.28	43.64 RT	684.98
23	29+87.31	53.64 RT	685.70
24	29+82.31	53.64 RT	685.83
25	29+80.79	38.64 RT	684.90
26	29+75.87	43.64 RT	684.89
27	29+85.01	35.95 RT	685.29
28	29+83.66	33.85 RT	684.91
29	29+77.83	38.08 RT	684.90
30	29+72.97	43.99 RT	684.89
31	29+71.44	46.76 RT	684.88
32	29+73.21	47.87 RT	685.26



USER NAME = cesario  
DESIGNED - MTC  
DRAWN - MTC  
CHECKED - MTC  
DATE - 11/02/2022

REVISED -  
REVISED -  
REVISED -  
REVISED -

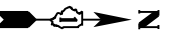
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' SHEET 3 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	39
CONTRACT NO. 61H91				

ILLINOIS FED. AID PROJECT



EX C N YORK ST

36

YORK STREET

PCC SIDEWALK, 5"  
AGG. BASE COURSE, TY. B 4"

COMB. CC&G TY B-6.24  
(TYP)

COMB. CC&G TY B-6.24  
(TYP)

PCC SIDEWALK, 5"  
AGG. BASE COURSE, TY. B 4"

1

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EX ROW

EX ROW

ADA RAMP ELEVATION TABLE - NORTH END AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	35+71.16	36.72 RT	685.15
2	35+71.17	41.66 RT	685.01
3	35+76.16	36.84 RT	684.92
4	35+76.16	41.84 RT	684.92
5	35+81.16	36.84 RT	684.84
6	35+81.16	41.84 RT	684.85
7	35+91.16	36.84 RT	684.59
8	35+91.16	41.84 RT	684.60
9	35+92.61	36.84 RT	684.58
10	35+98.59	41.84 RT	684.50
11	35+87.02	33.85 RT	685.23
12	35+88.28	31.70 RT	684.85
13	35+96.32	35.95 RT	684.63
14	36+02.40	41.94 RT	684.36
15	36+01.23	44.98 RT	684.68
16	36+03.34	43.24 RT	684.30

ADA RAMP ELEVATION TABLE - NORTH END AVE			
POINT NO.	STATION	OFFSET	ELEVATION
17	36+68.77	36.81 RT	684.87
18	36+68.77	41.80 RT	684.98
19	36+63.77	36.84 RT	684.82
20	36+63.77	41.84 RT	684.89
21	36+58.77	36.84 RT	684.75
22	36+58.77	41.84 RT	684.82
23	36+48.77	36.84 RT	684.31
24	36+48.77	41.84 RT	684.32
25	36+47.61	36.84 RT	684.30
26	36+41.72	41.84 RT	684.22
27	36+50.80	31.92 RT	684.50
28	36+52.18	34.46 RT	684.88
29	36+43.19	36.27 RT	684.30
30	36+37.44	42.38 RT	684.22
31	36+36.35	44.07 RT	684.21
32	36+38.71	45.84 RT	684.59

NORTH END AVENUE



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

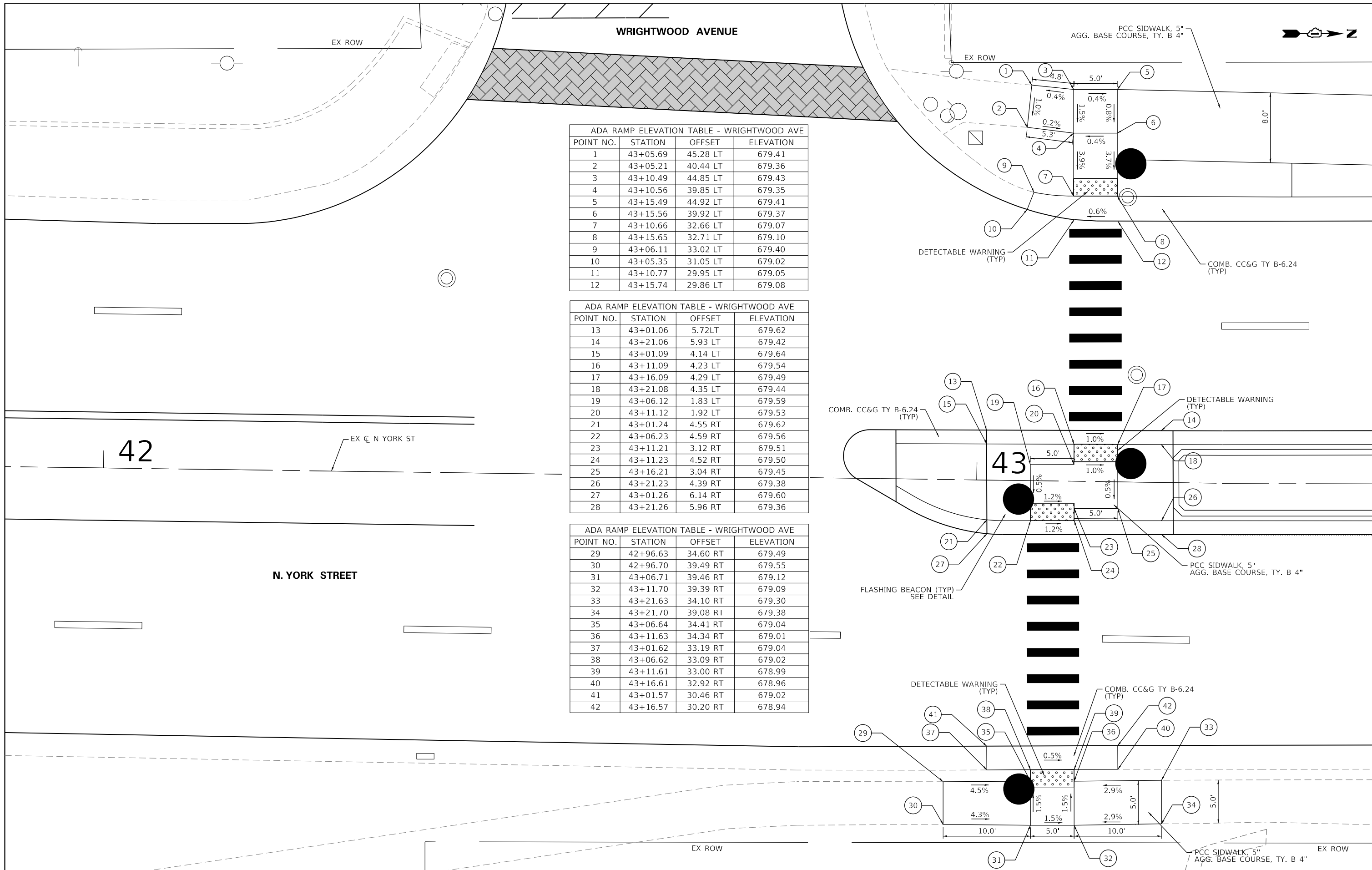
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' SHEET 4 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H91	





ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE

POINT NO.	STATION	OFFSET	ELEVATION
1	43+05.69	45.28 LT	679.41
2	43+05.21	40.44 LT	679.36
3	43+10.49	44.85 LT	679.43
4	43+10.56	39.85 LT	679.35
5	43+15.49	44.92 LT	679.41
6	43+15.56	39.92 LT	679.37
7	43+10.66	32.66 LT	679.07
8	43+15.65	32.71 LT	679.10
9	43+06.11	33.02 LT	679.40
10	43+05.35	31.05 LT	679.02
11	43+10.77	29.95 LT	679.05
12	43+15.74	29.86 LT	679.08

ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE

POINT NO.	STATION	OFFSET	ELEVATION
13	43+01.06	5.72LT	679.62
14	43+21.06	5.93 LT	679.42
15	43+01.09	4.14 LT	679.64
16	43+11.09	4.23 LT	679.54
17	43+16.09	4.29 LT	679.49
18	43+21.08	4.35 LT	679.44
19	43+06.12	1.83 LT	679.59
20	43+11.12	1.92 LT	679.53
21	43+01.24	4.55 RT	679.62
22	43+06.23	4.59 RT	679.56
23	43+11.21	3.12 RT	679.51
24	43+11.23	4.52 RT	679.50
25	43+16.21	3.04 RT	679.45
26	43+21.23	4.39 RT	679.38
27	43+01.26	6.14 RT	679.60
28	43+21.26	5.96 RT	679.36

ADA RAMP ELEVATION TABLE - WRIGHTWOOD AVE

POINT NO.	STATION	OFFSET	ELEVATION
29	42+96.63	34.60 RT	679.49
30	42+96.70	39.49 RT	679.55
31	43+06.71	39.46 RT	679.12
32	43+11.70	39.39 RT	679.09
33	43+21.63	34.10 RT	679.30
34	43+21.70	39.08 RT	679.38
35	43+06.64	34.41 RT	679.04
36	43+11.63	34.34 RT	679.01
37	43+01.62	33.19 RT	679.04
38	43+06.62	33.09 RT	679.02
39	43+11.61	33.00 RT	678.99
40	43+16.61	32.92 RT	678.96
41	43+01.57	30.46 RT	679.02
42	43+16.57	30.20 RT	678.94

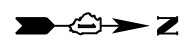
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	PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
		DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION**  
**ADA RAMP ELEVATION PLAN**

SCALE: 1"=5'      SHEET 5 OF 8 SHEETS      STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H91	

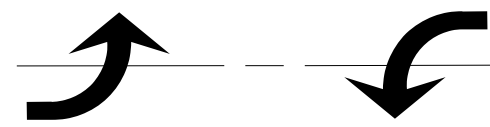


N. YORK STREET

EX CL N YORK ST

44

45+00



PCC SIDEWALK, 5"  
AGG. BASE COURSE, TY. B 4"

DETECTABLE WARNING  
(TYP)

COMB. CC&G TY B-6.12  
(TYP)

PCC SIDEWALK, 5"  
AGG. BASE COURSE, TY. B 4"

DETECTABLE WARNING  
(TYP)

COMB. CC&G TY B-6.12  
(TYP)

EX ROW

COMMERCIAL DRIVEWAY

POINT NO.	STATION	OFFSET	ELEVATION
1	43+96.73	35.56 RT	678.38
2	44+00.44	35.20 RT	678.37
3	44+05.41	34.62 RT	678.32
4	44+06.78	32.79 RT	678.40
5	44+12.39	34.62 RT	677.90
6	44+13.97	33.53 RT	677.91
7	44+20.27	41.44 RT	677.98
8	44+18.45	41.34 RT	678.42
9	44+17.29	39.62 RT	677.96
10	44+10.41	39.62 RT	677.97
11	44+05.41	39.62 RT	678.40
12	44+00.40	39.76 RT	678.44
13	43+96.84	39.95 RT	678.83

POINT NO.	STATION	OFFSET	ELEVATION
14	44+65.69	41.58 RT	677.59
15	44+67.49	41.58 RT	678.03
16	44+69.18	39.30 RT	677.38
17	44+76.35	39.30 RT	677.39
18	44+83.59	39.30 RT	677.95
19	44+85.57	39.30 RT	677.96
20	44+93.54	39.12 RT	677.97
21	44+93.55	34.18 RT	677.92
22	44+88.59	34.30 RT	677.91
23	44+83.59	34.31 RT	677.90
24	44+82.36	32.61 RT	677.30
25	44+76.35	34.30 RT	677.31
26	47+72.68	33.29 RT	677.32



USER NAME = cesario  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 10/27/2022

DESIGNED - MTC  
 DRAWN - MTC  
 CHECKED - MTC  
 DATE - 11/02/2022

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

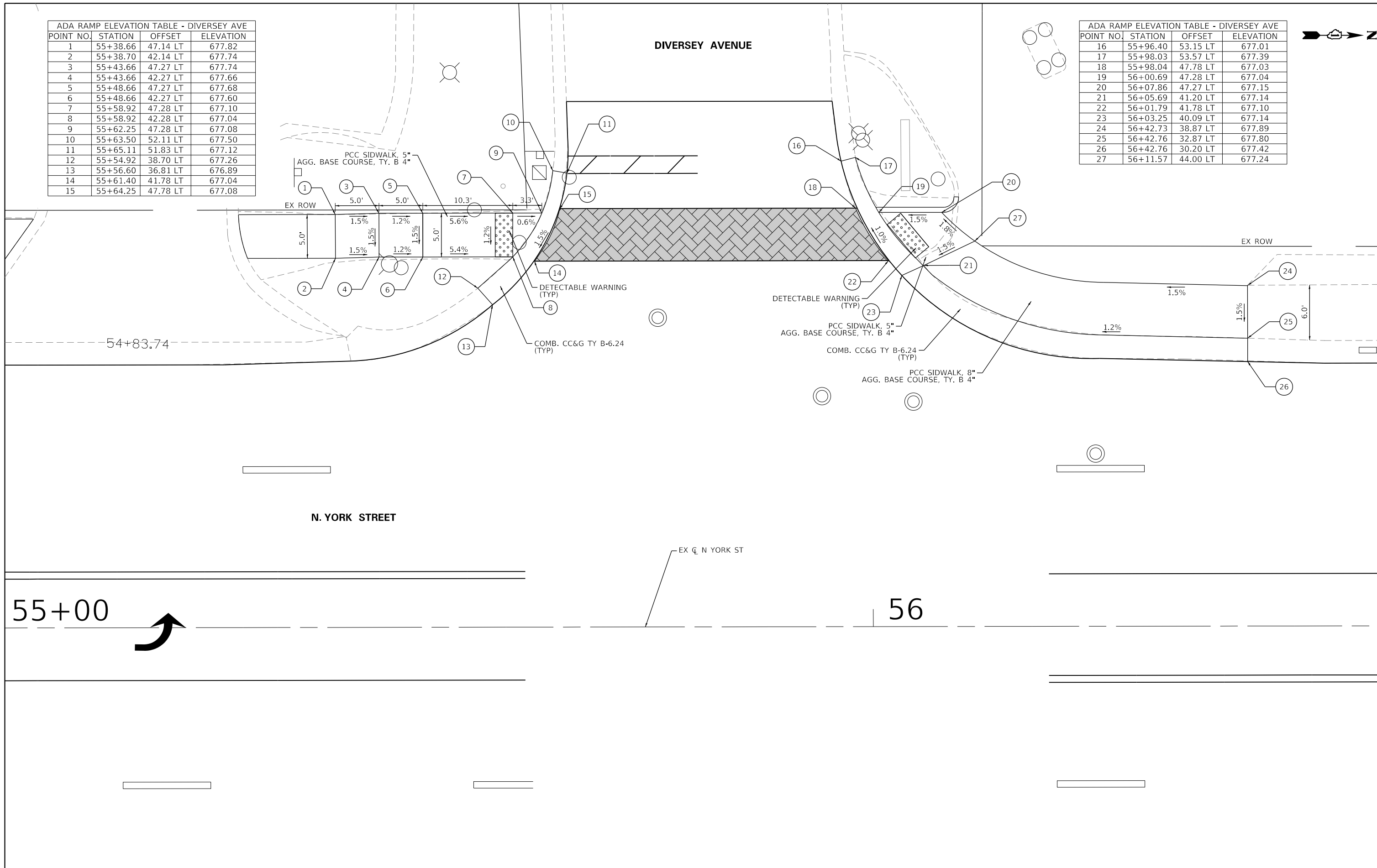
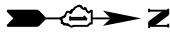
NORTH YORK STREET - ROADWAY REHABILITATION  
 ADA RAMP ELEVATION PLAN

SCALE: 1"=5' SHEET 6 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	42
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	55+38.66	47.14 LT	677.82
2	55+38.70	42.14 LT	677.74
3	55+43.66	47.27 LT	677.74
4	55+43.66	42.27 LT	677.66
5	55+48.66	47.27 LT	677.68
6	55+48.66	42.27 LT	677.60
7	55+58.92	47.28 LT	677.10
8	55+58.92	42.28 LT	677.04
9	55+62.25	47.28 LT	677.08
10	55+63.50	52.11 LT	677.50
11	55+65.11	51.83 LT	677.12
12	55+54.92	38.70 LT	677.26
13	55+56.60	36.81 LT	676.89
14	55+61.40	41.78 LT	677.04
15	55+64.25	47.78 LT	677.08

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
16	55+96.40	53.15 LT	677.01
17	55+98.03	53.57 LT	677.39
18	55+98.04	47.78 LT	677.03
19	56+00.69	47.28 LT	677.04
20	56+07.86	47.27 LT	677.15
21	56+05.69	41.20 LT	677.14
22	56+01.79	41.78 LT	677.10
23	56+03.25	40.09 LT	677.14
24	56+42.73	38.87 LT	677.89
25	56+42.76	32.87 LT	677.80
26	56+42.76	30.20 LT	677.42
27	56+11.57	44.00 LT	677.24



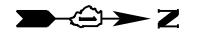
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		DATE - 04/19/2021	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION**  
**ADA RAMP ELEVATION PLAN**

SCALE: 1"=5'      SHEET 7 OF 8 SHEETS      STA. N/A      TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	43
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



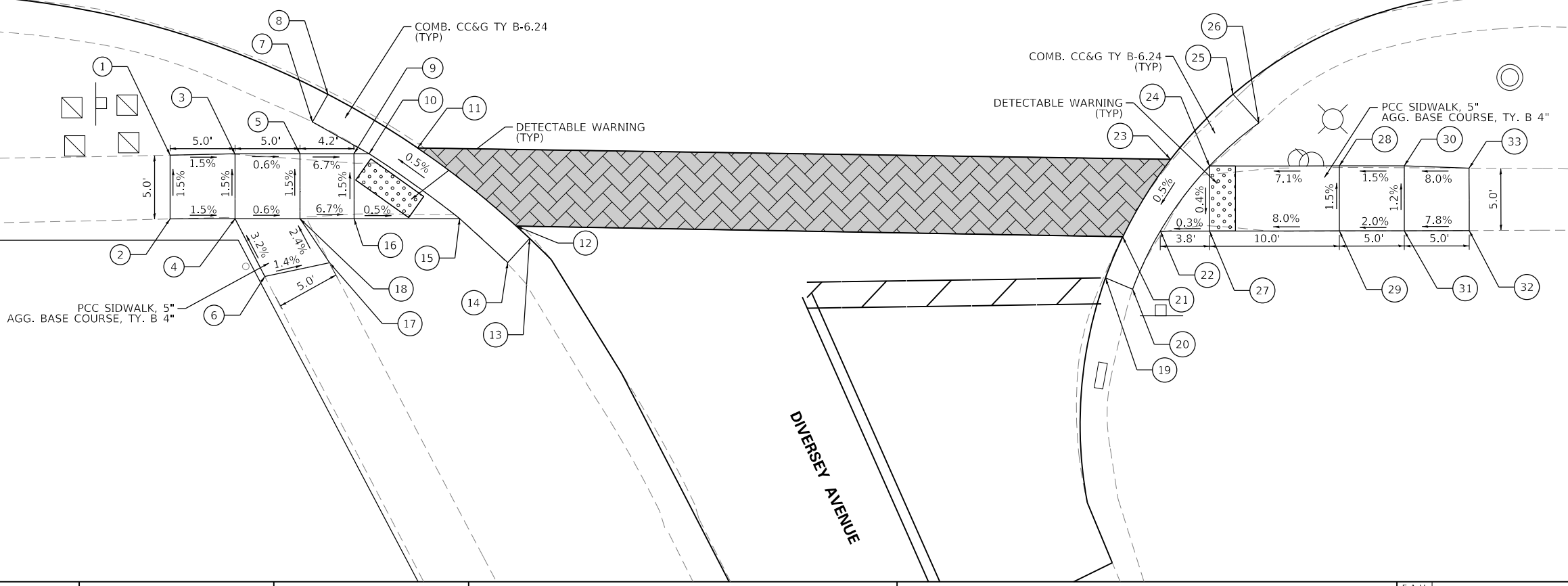
56

EX C N YORK ST

N. YORK STREET

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
1	55+52.44	41.97 RT	676.96
2	55+52.43	46.87 RT	677.03
3	55+57.44	41.87 RT	676.89
4	55+57.43	46.87 RT	676.96
5	55+62.44	41.87 RT	676.86
6	55+59.72	51.31 RT	677.12
7	55+63.41	37.43 RT	676.97
8	55+64.60	37.30 RT	676.59
9	55+66.60	41.88 RT	676.58
10	55+67.76	41.88 RT	676.56
11	55+71.50	41.44 RT	676.56
12	55+79.10	47.47 RT	676.61
13	55+80.12	48.42 RT	676.62
14	55+78.43	50.34 RT	677.00
15	55+74.74	46.89 RT	676.61
16	55+66.60	46.88 RT	676.65
17	55+64.71	50.27 RT	677.05
18	55+62.43	46.87 RT	676.93

ADA RAMP ELEVATION TABLE - DIVERSEY AVE			
POINT NO.	STATION	OFFSET	ELEVATION
19	56+24.46	51.52 RT	676.63
20	56+26.56	52.40 RT	677.01
21	56+25.79	48.36 RT	676.65
22	56+28.64	47.93 RT	676.65
23	56+29.49	42.40 RT	676.68
24	56+32.48	42.93 RT	676.68
25	56+34.30	37.40 RT	676.80
26	56+36.30	39.61 RT	677.08
27	56+32.48	47.93 RT	676.66
28	56+42.48	42.93 RT	677.39
29	56+42.49	47.93 RT	677.46
30	56+47.48	42.93 RT	677.46
31	56+47.48	47.94 RT	677.56
32	56+52.48	47.93 RT	677.95
33	56+52.48	43.12 RT	677.86



EX ROW



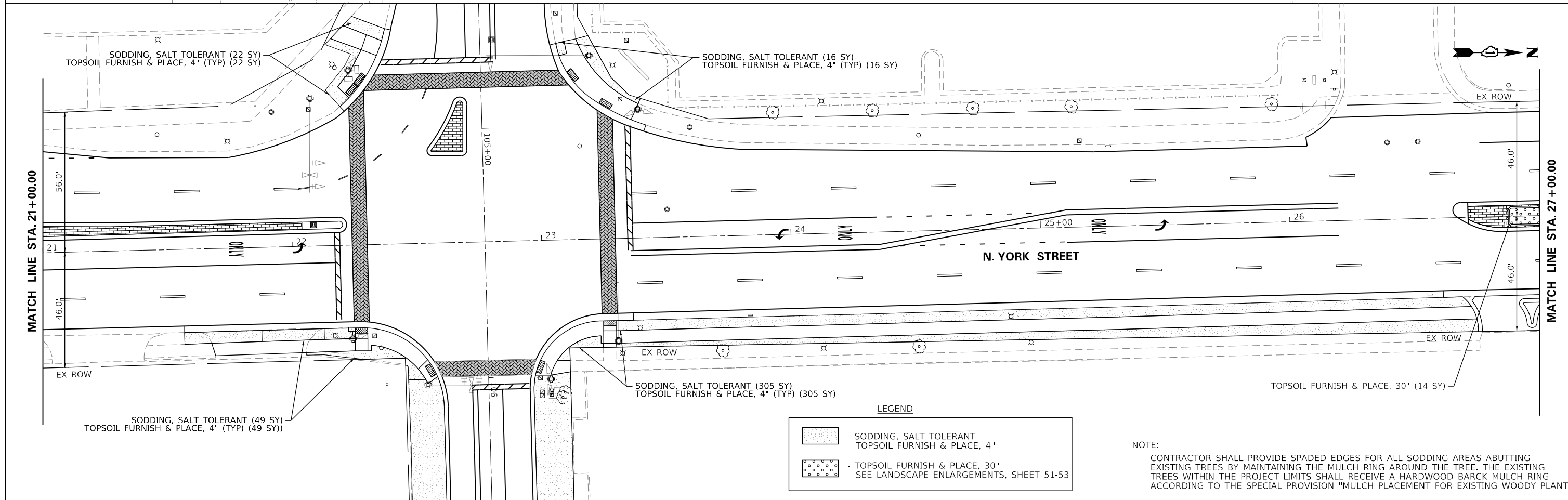
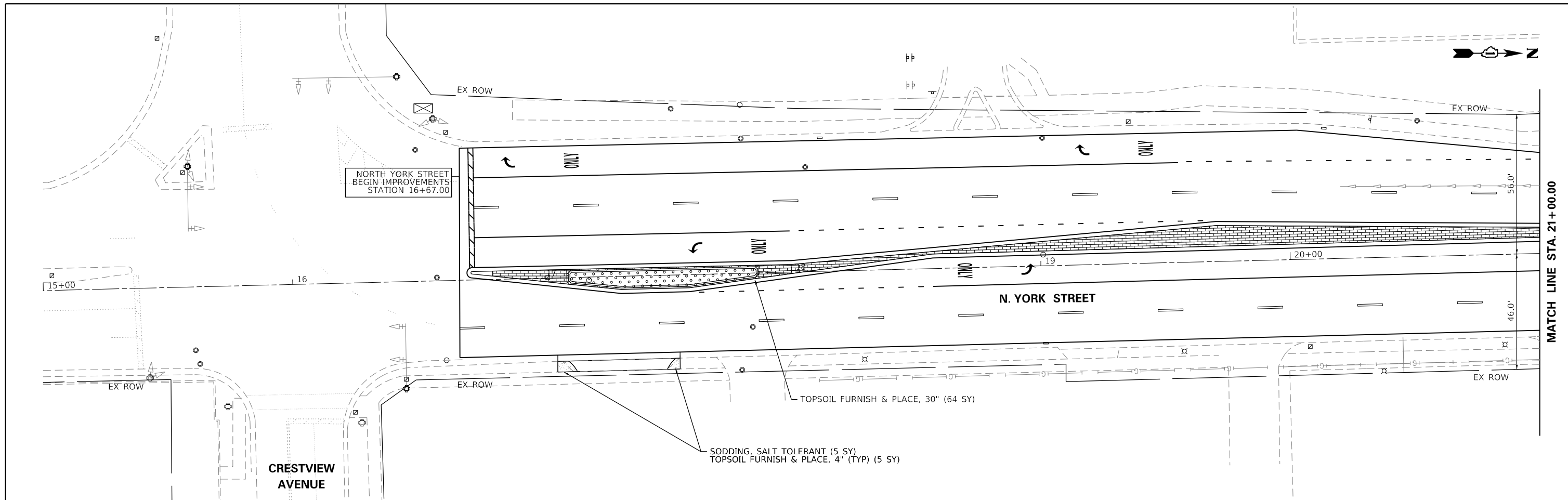
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	DRAWN - MTC	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

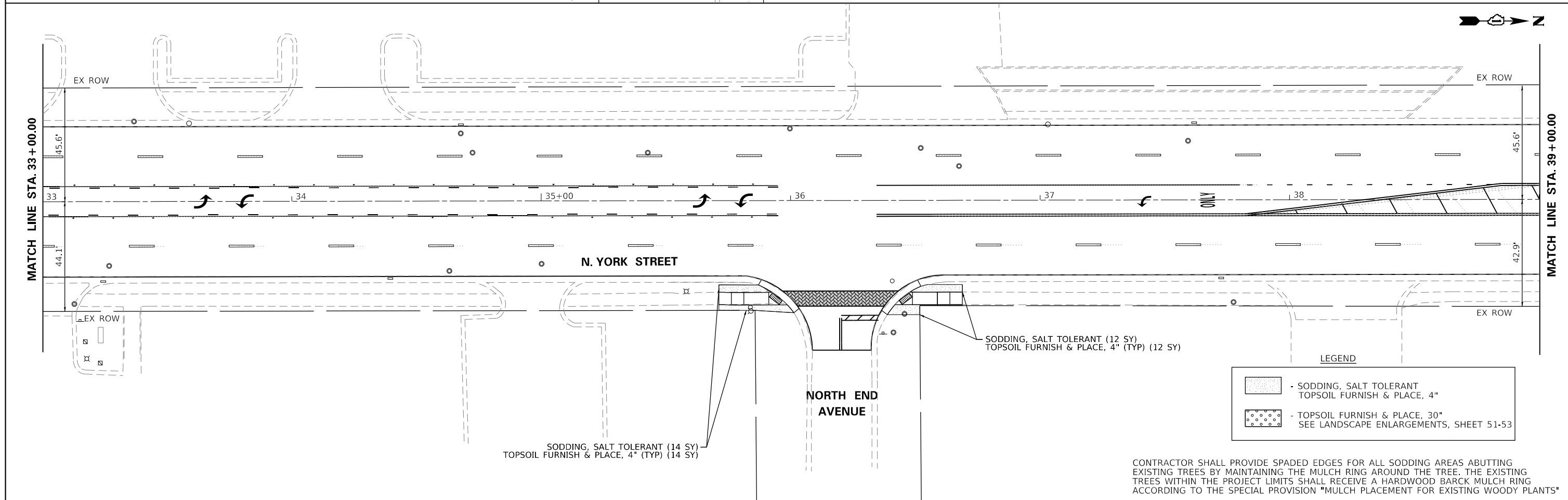
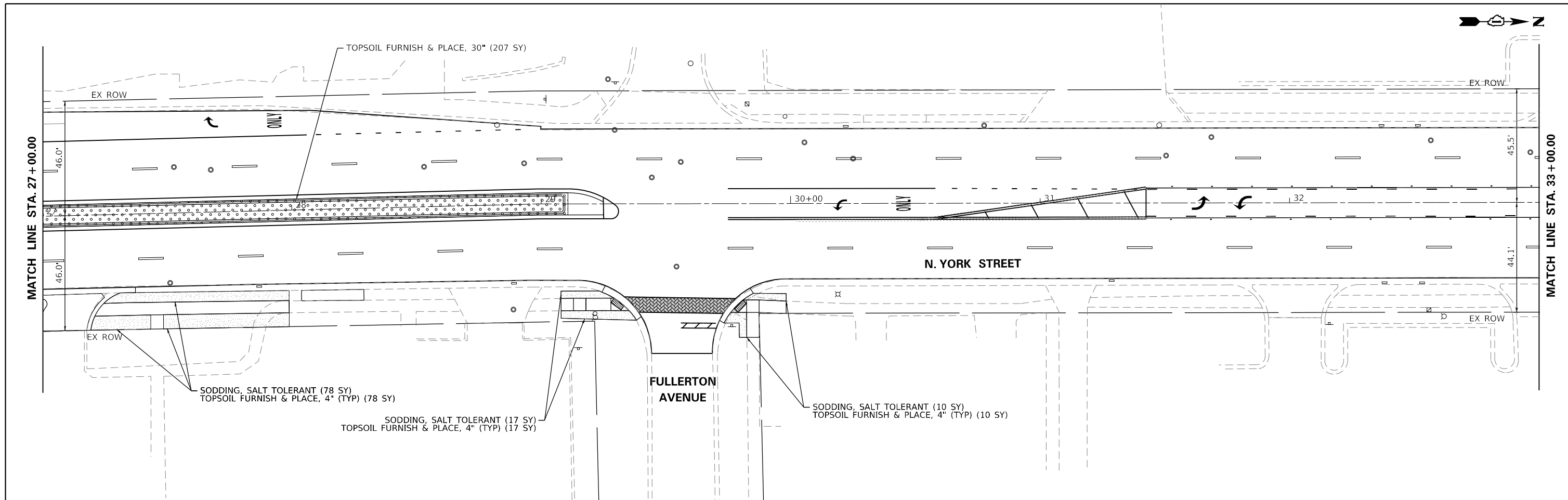
NORTH YORK STREET - ROADWAY REHABILITATION  
ADA RAMP ELEVATION PLAN

SCALE: 1"=5' SHEET 8 OF 8 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	44
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	



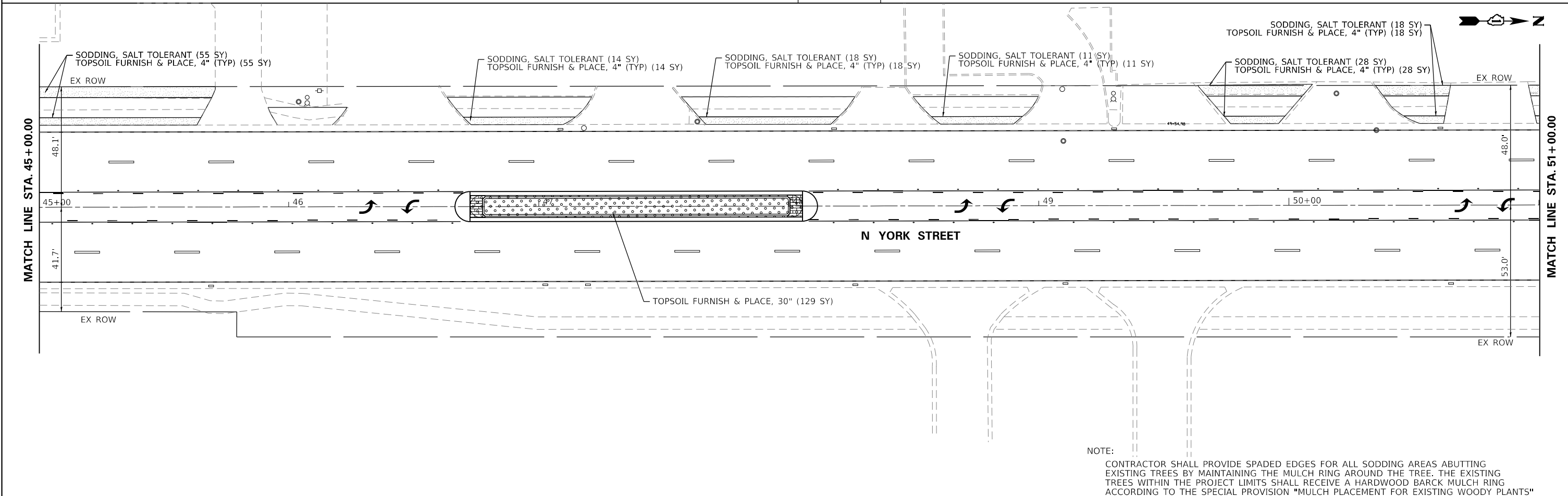
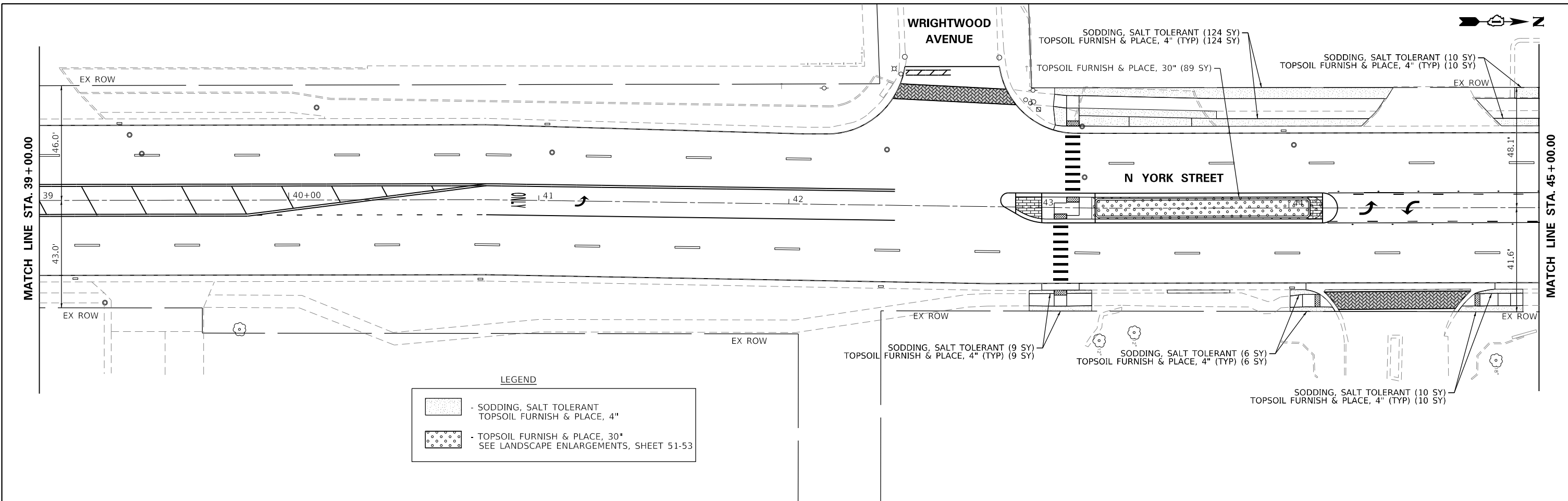
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	PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -		SCALE: 1"=20'	SHEET 1	OF 5 SHEETS	STA. 21+00.00	TO STA. 27+00.00	2678	20-00198-00-R5	DUPAGE	88	45
	PLOT DATE = 10/28/2022	CHECKED - MTC	REVISED -		CONTRACT NO. 61H91	ILLINOIS FED. AID PROJECT								



**LEGEND**

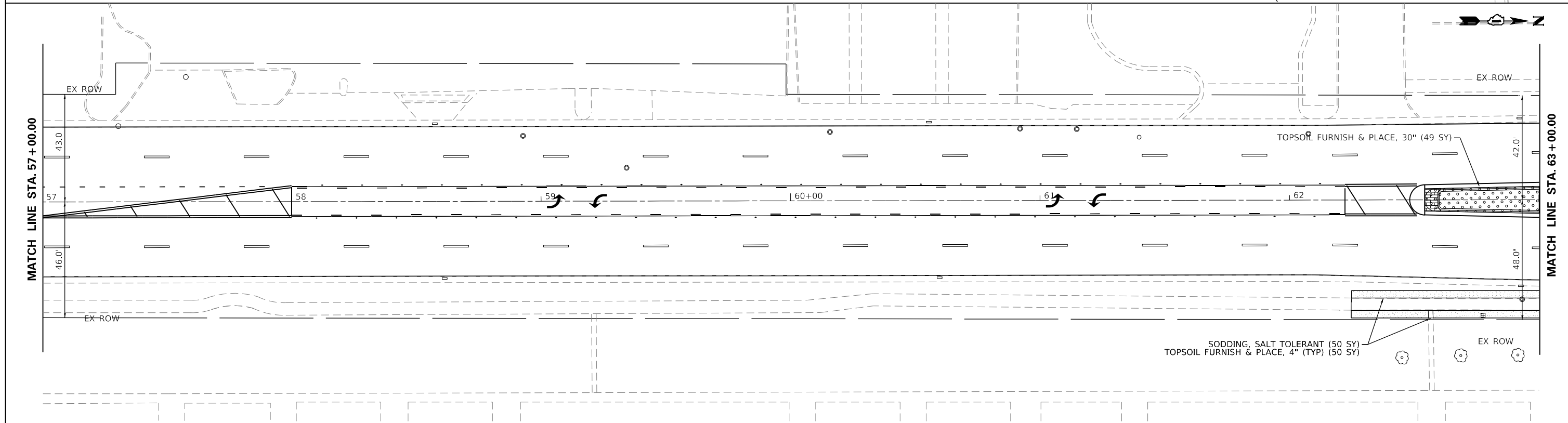
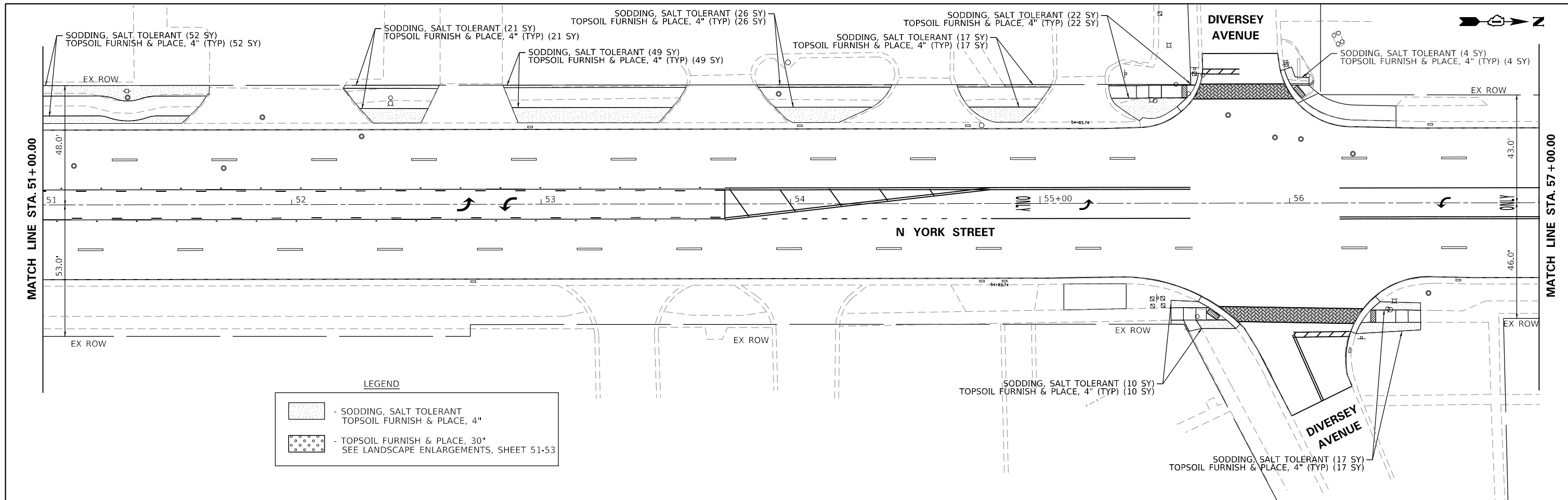
	- SODDING, SALT TOLERANT TOPSOIL FURNISH & PLACE, 4"
	- TOPSOIL FURNISH & PLACE, 30" SEE LANDSCAPE ENLARGEMENTS, SHEET 51-53

CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"



NOTE:  
 CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

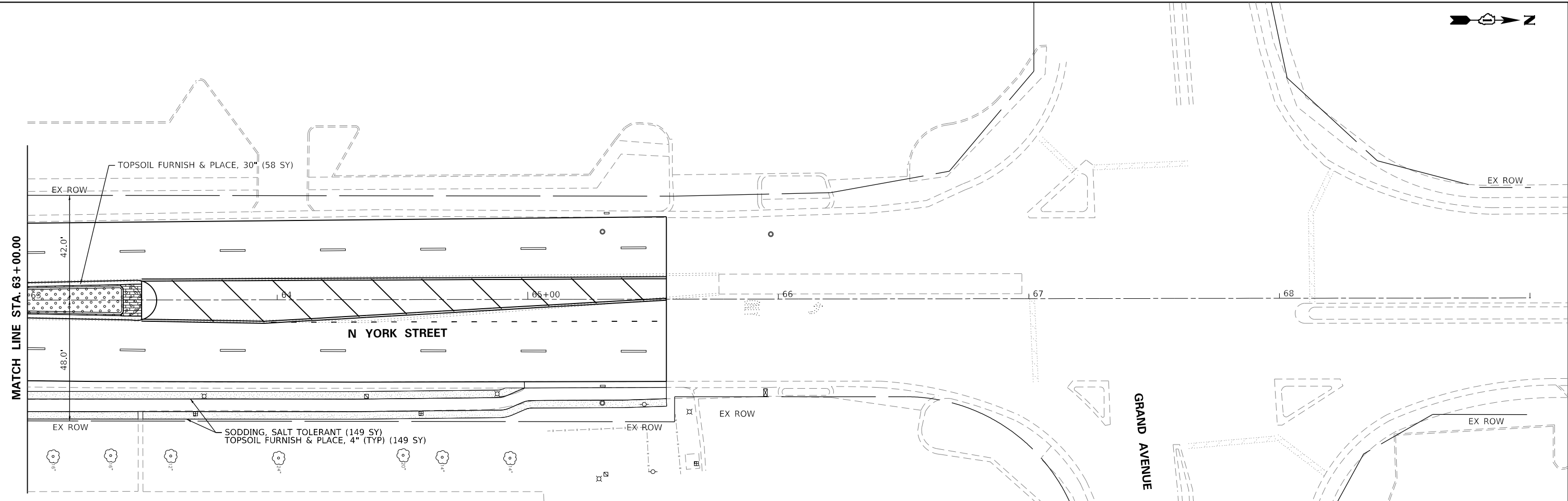
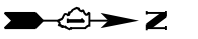
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	PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -		SCALE: 1"=20'    SHEET 3 OF 5 SHEETS    STA. 45+00.00 TO STA. 51+00.00			CONTRACT NO. 61H91				
	DATE - 11/02/2022	REVISED -			ILLINOIS FED. AID PROJECT							



NOTE:  
 CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BACK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"

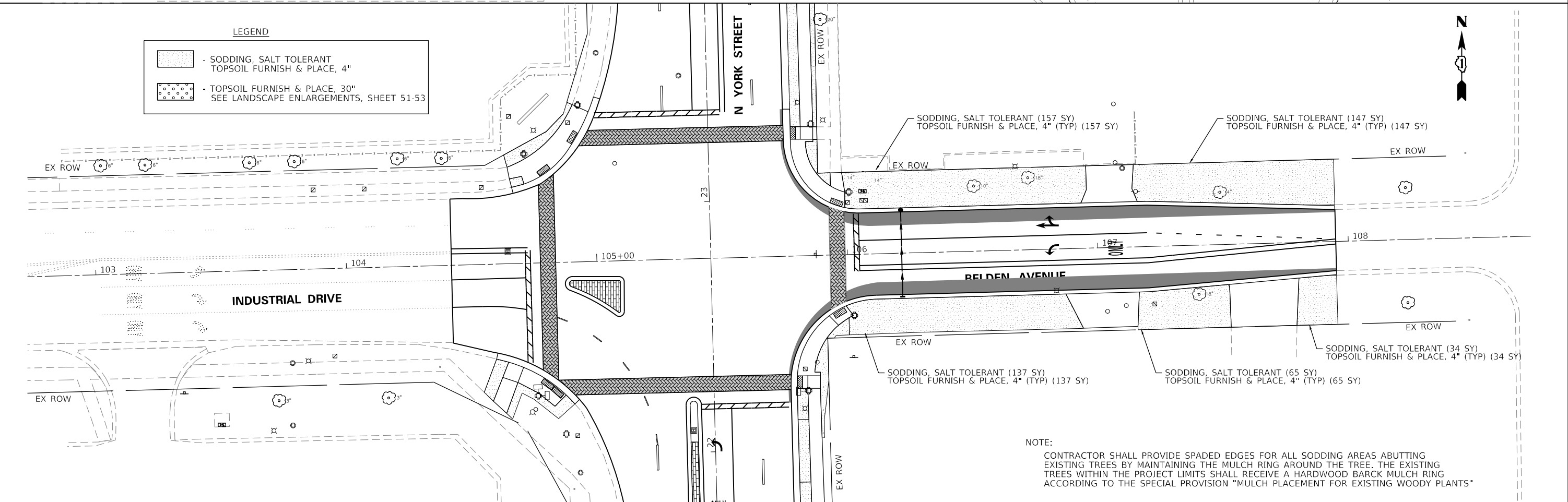
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	PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -		SCALE: 1"=20'	SHEET 4 OF 5 SHEETS	STA. 57+00.00 TO STA. 63+00.00	2678	20-00198-00-R5	DUPAGE	88	48
	PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -							CONTRACT NO. 61H91		
							ILLINOIS FED. AID PROJECT					





**LEGEND**

- SODDING, SALT TOLERANT  
TOPSOIL FURNISH & PLACE, 4"
- TOPSOIL FURNISH & PLACE, 30"  
SEE LANDSCAPE ENLARGEMENTS, SHEET 51-53



**NOTE:**  
 CONTRACTOR SHALL PROVIDE SPADED EDGES FOR ALL SODDING AREAS ABUTTING EXISTING TREES BY MAINTAINING THE MULCH RING AROUND THE TREE. THE EXISTING TREES WITHIN THE PROJECT LIMITS SHALL RECEIVE A HARDWOOD BARCK MULCH RING ACCORDING TO THE SPECIAL PROVISION "MULCH PLACEMENT FOR EXISTING WOODY PLANTS"



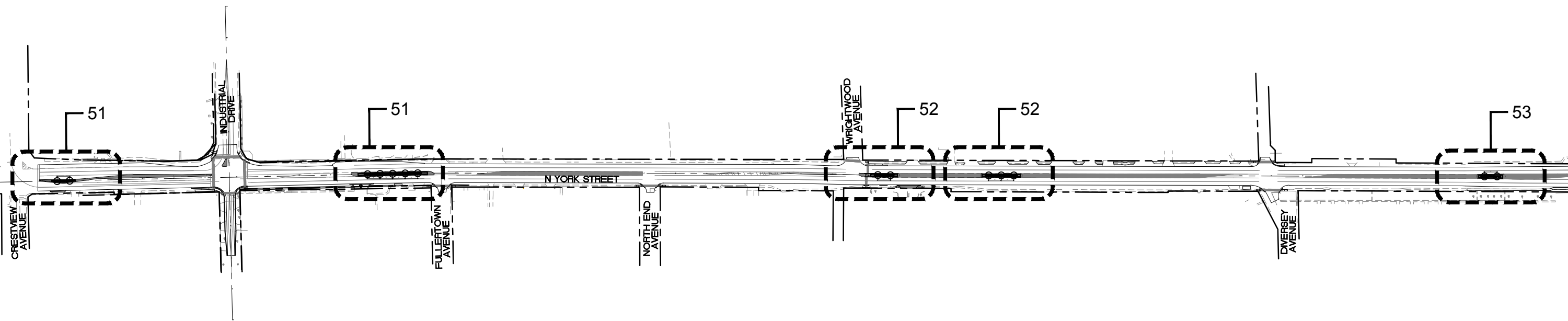
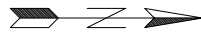
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PLOT SCALE = 48.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/28/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
 LANDSCAPING PLAN**

SCALE: 1"=20'    SHEET 5 OF 5 SHEETS    STA. 103+00.00 TO STA. 109+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	49
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



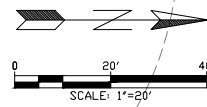
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PLOT DATE = 11/01/2022	DATE — 09/28/2022	REVISED —

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**




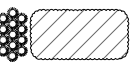
**NORTH YORK STREET - ROADWAY REHABILITATION  
OVERALL LANDSCAPE PLAN**

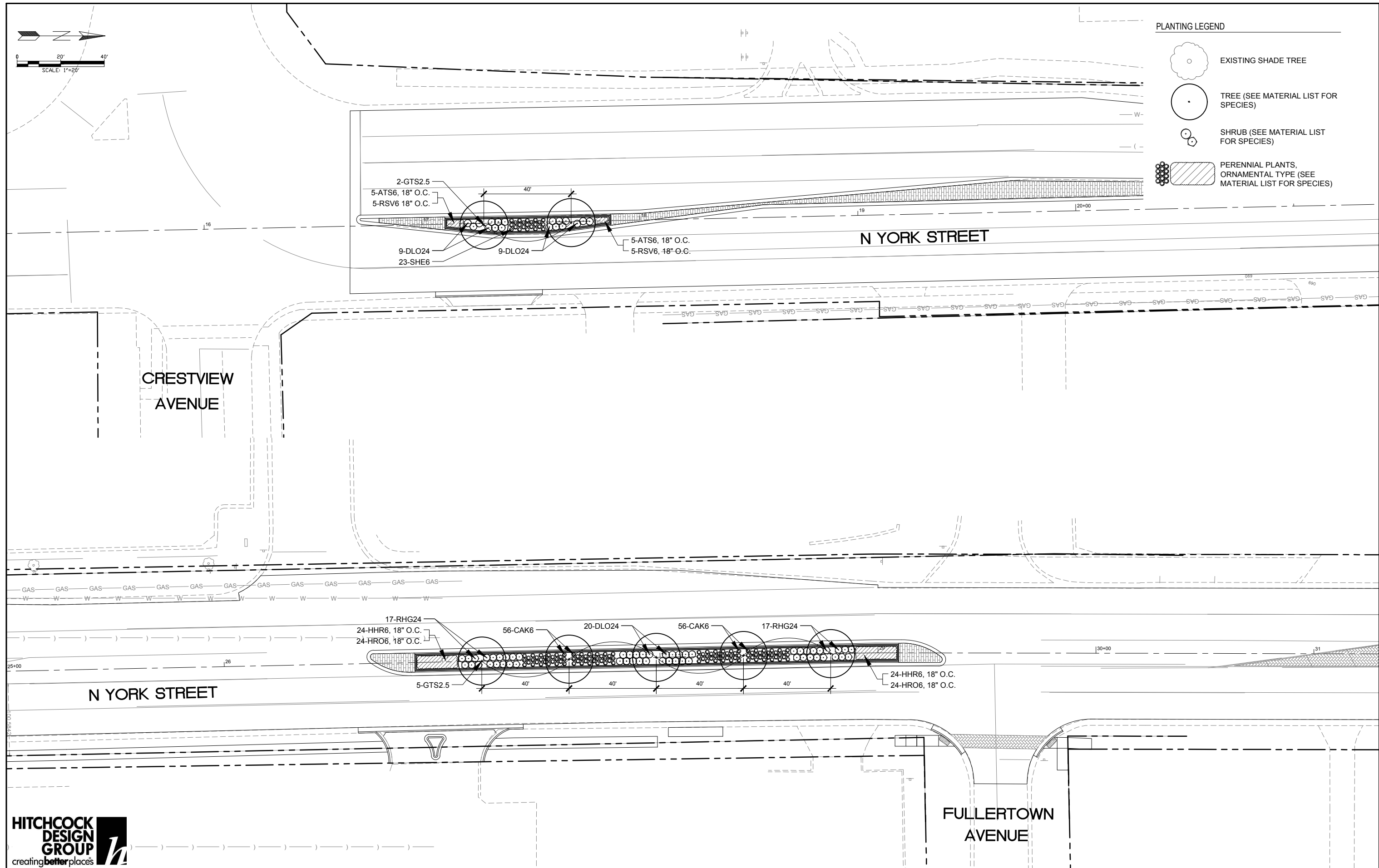
SCALE: 1"=160'-0" SHEET 1 OF 5 SHEETS STA. 15+36.00 TO STA. 65+76.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	50
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



**PLANTING LEGEND**

-  EXISTING SHADE TREE
-  TREE (SEE MATERIAL LIST FOR SPECIES)
-  SHRUB (SEE MATERIAL LIST FOR SPECIES)
-  PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)



**B** BLA, Inc.

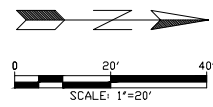
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PLOT DATE = 11/01/2022	DATE — 09/28/2022	REVISED —

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
LANDSCAPE PLAN - ENLARGEMENTS**




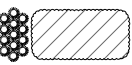
SCALE: 1"=20'-0" SHEET 2 OF 5 SHEETS STA. 25+00.00 TO STA. 31+30.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	51
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

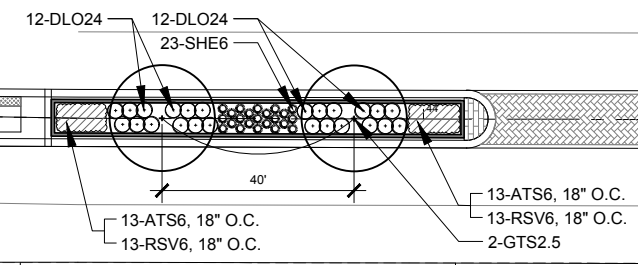


WRIGHTWOOD AVENUE

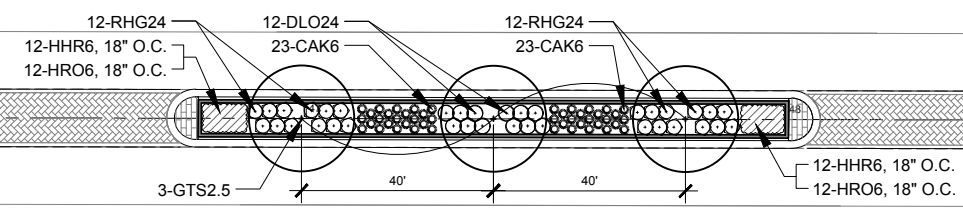
PLANTING LEGEND

-  EXISTING SHADE TREE
-  TREE (SEE MATERIAL LIST FOR SPECIES)
-  SHRUB (SEE MATERIAL LIST FOR SPECIES)
-  PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)

N YORK STREET



N YORK STREET



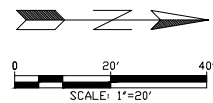
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	DRAWN — KNT	REVISED —
PLOT SCALE = 1"=20'-0"	CHECKED — TCK	REVISED —
PLOT DATE = 11/01/2022	DATE — 09/28/2022	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**NORTH YORK STREET - ROADWAY REHABILITATION  
LANDSCAPE PLAN - ENLARGEMENTS**

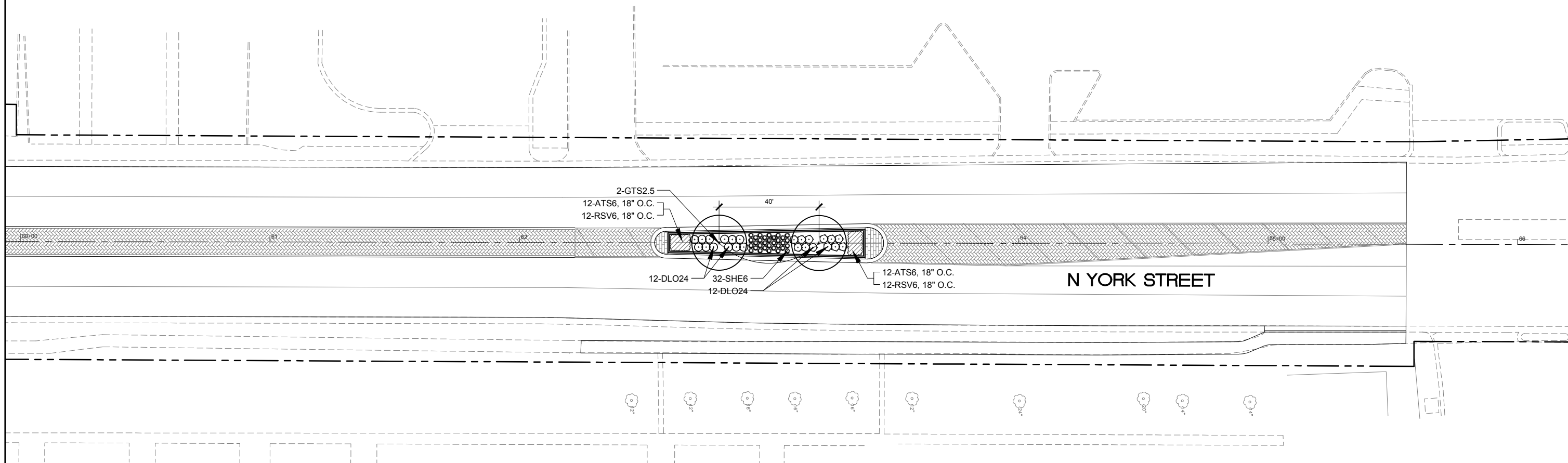
SCALE: 1"=20'-0" SHEET 3 OF 5 SHEETS STA. 44+18.00 TO STA. 50+48.00

F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 52
CONTRACT NO. 61H91				ILLINOIS FED. AID PROJECT



**PLANTING LEGEND**

	EXISTING SHADE TREE
	TREE (SEE MATERIAL LIST FOR SPECIES)
	SHRUB (SEE MATERIAL LIST FOR SPECIES)
	PERENNIAL PLANTS, ORNAMENTAL TYPE (SEE MATERIAL LIST FOR SPECIES)



**B** BLA, Inc.

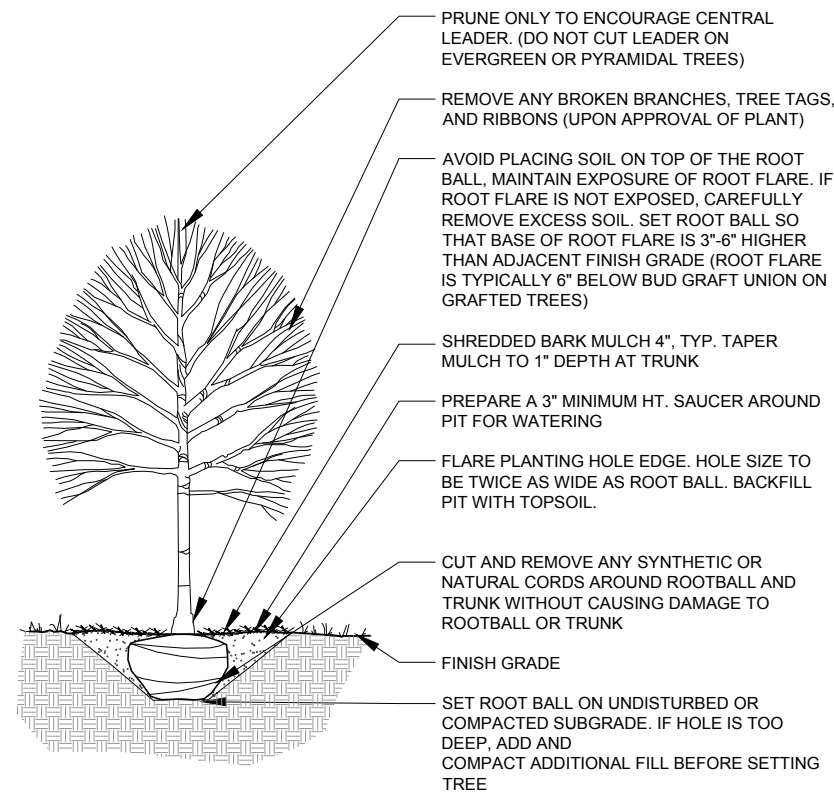
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PLOT DATE = 11/01/2022	DATE — 09/28/2022	REVISED —

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

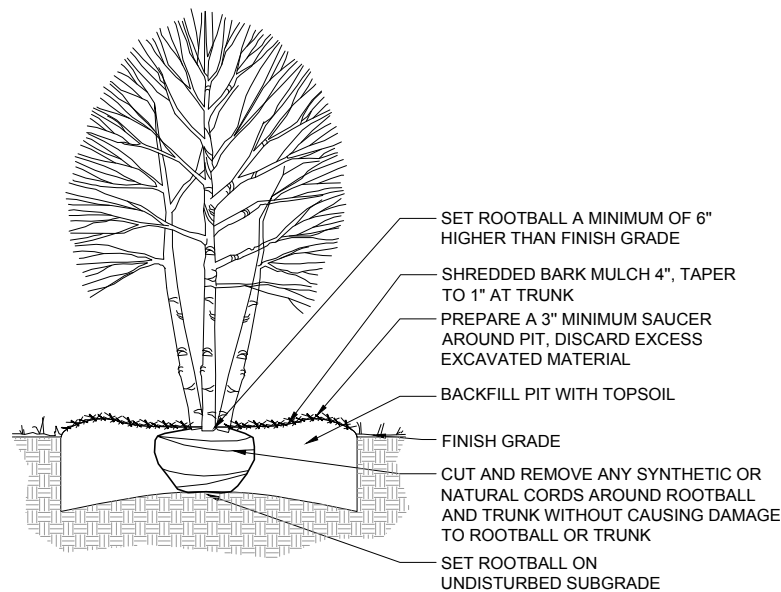
**NORTH YORK STREET - ROADWAY REHABILITATION  
LANDSCAPE PLAN - ENLARGEMENTS**

SCALE: 1"=20'-0" SHEET 4 OF 5 SHEETS STA. 59+94.00 TO STA. 66+24.00

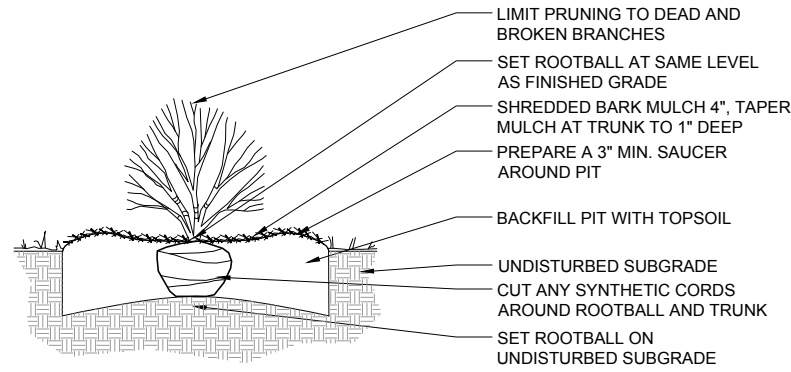
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	53
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



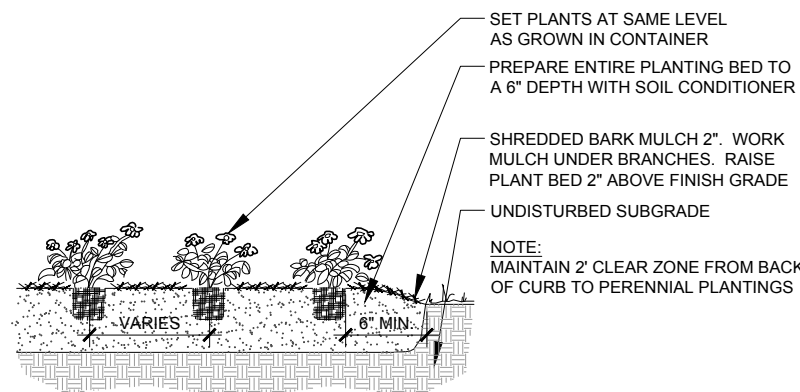
**1 DECIDUOUS TREE PLANTING**  
SCALE: 1/2" = 1'-0"



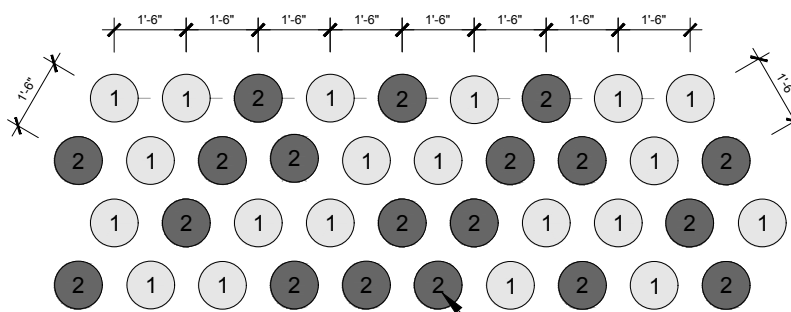
**2 ORNAMENTAL TREE PLANTING**  
SCALE: 1/2" = 1'-0"



**3 SHRUB PLANTING**  
SCALE: 1/2" = 1'-0"



**4 PERENNIAL PLANTING**  
SCALE: 1/2" = 1'-0"



**5 PERENNIAL SPACING AND PLANTING PATTERN**  
1/2" = 1'-0"  
NOTE:  
1. SPACING IS TO BE TRIANGULAR  
2. INTENT IS FOR PLANT SPECIES TO BE RANDOMLY, BUT EVENLY PLACED THROUGHOUT BED  
PLANT SPECIES QUANTITIES VARY PER PLANTING BED, SEE PLANTING PLANS FOR INDIVIDUAL BEDS.

**PLANT MATERIAL LIST**

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
<b>SHADE TREES</b>				
GTS2 5	GLEDITSIA TRIACANTHOS VAR. INERMIS 'SHADEMASTER'	SHADEMASTER THORNLESS HONEYLOCUST	2 1/2" C	14
<b>DECIDUOUS SHRUBS</b>				
DLO24	DIERVILLA IONICERA	DWARF BUSH-HONEYSUCKLE	5 GAL	98
RHG24	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	3 GAL	58
<b>PERENNIALS</b>				
ATS6	ALLIUM TANGUTICUM 'SUMMER BEAUTY'	SUMMER BEAUTY ORNAMENTAL CHIVE	1 GAL	60
CAK6	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL	158
HHR6	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	72
HRO6	HEMEROCALLIS 'ROSY RETURNS'	ROSY RETURNS DAYLILY	1 GAL	72
RSV6	RUDBECKIA SPECIOSA 'VIETTE'S LITTLE SUZY'	VIETTE'S LITTLE SUZY BLACK-EYED SUSAN	1 GAL	60
SHE6	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL	78

ALL PERENNIALS TO BE PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (1 UNIT = 100 PLANTS)  
TOTAL PERENNIALS: 500  
TOTAL UNITS: 5.00

**PLANTING NOTES**

1. QUANTITIES ARE SUMMARIZED FOR THE CONVENIENCE OF THE OWNER ONLY. PAYMENT WILL BE MADE BASED ON ACTUAL QUANTITIES INSTALLED AS MEASURED BY THE ENGINEER.
2. LAYOUT OF ALL PLANT MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.
3. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL IN ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE PROTECTED WITHIN 24 HOURS. DO NOT DISTURB MORE AREA THAN CAN BE COMPLETED AND PROTECTED WITHIN 24 HOURS.
4. PLACE TOPSOIL TO A DEPTH OF 30 INCHES IN ALL MEDIAN PLANTING AREAS. PLACE 3 INCHES OF SOIL CONDITIONER IN ALL PLANTING BEDS, ROTOTILL INTO TOP 12 INCHES.
5. APPLY PRE-EMERGENT GRANULAR HERBICIDE AFTER PLANTING FOR TREE AND PLANT BED AREAS.
6. PROVIDE MULCH TO A DEPTH OF 4 INCHES ON ALL WOODY PLANTS AND 2 INCHES ON ALL PERENNIALS PER IDOT STANDARD SPECIFICATIONS.
7. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.



USER NAME =	DESIGNED — MPW	REVISED 11/01/2022
PLOT SCALE = N/A	DRAWN — KNT	REVISED —
PLOT DATE = 11/01/2022	CHECKED — TCK	REVISED —
	DATE — 09/28/2022	REVISED —

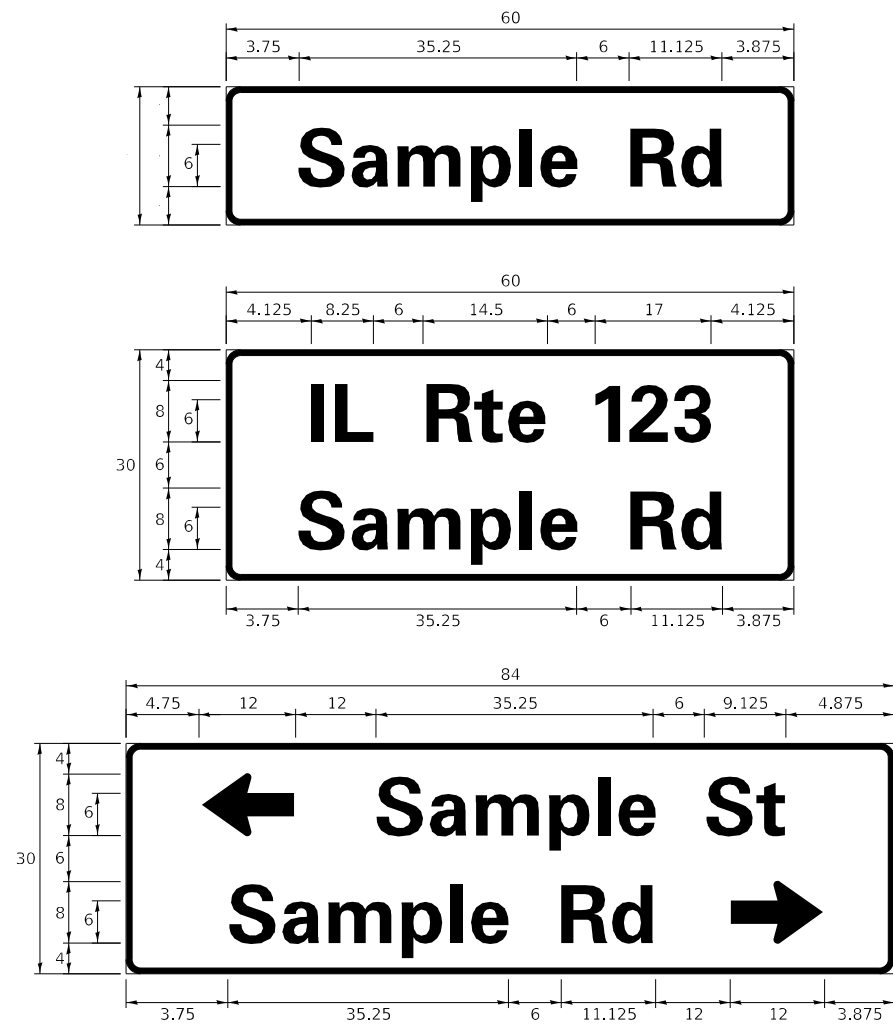
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
PLANTING DETAILS

SCALE: N/A SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	54
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

**SIGN PANEL – TYPE 1 OR TYPE 2**



DESIGN SERIES	AREA ( SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

**COMMON STREET NAME ABBREVIATIONS AND WIDTHS**

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

**GENERAL NOTES**

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

**LOCAL SUPPLIERS:**

- I.O. HERBERT COMPANY, INC  
MIDLOTHIAN, VA
- WESTERN REMAC, INC.  
WOODRIDGE, IL

**PARTS LISTING:**

- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
- SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
- BRACKETS SELF TAPPING WITH NEOPRENE WASHER PART #HPN034 (UNIVERSAL)
- CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

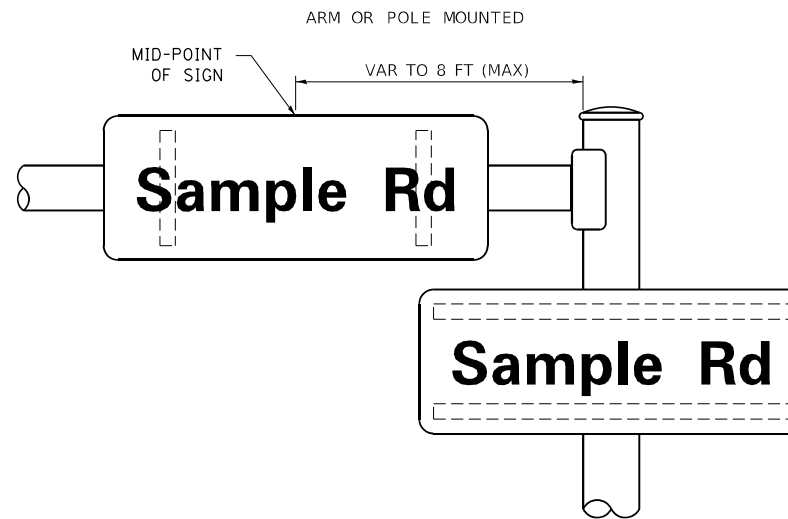
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

**STANDARD ALPHABETS SPACING CHART**

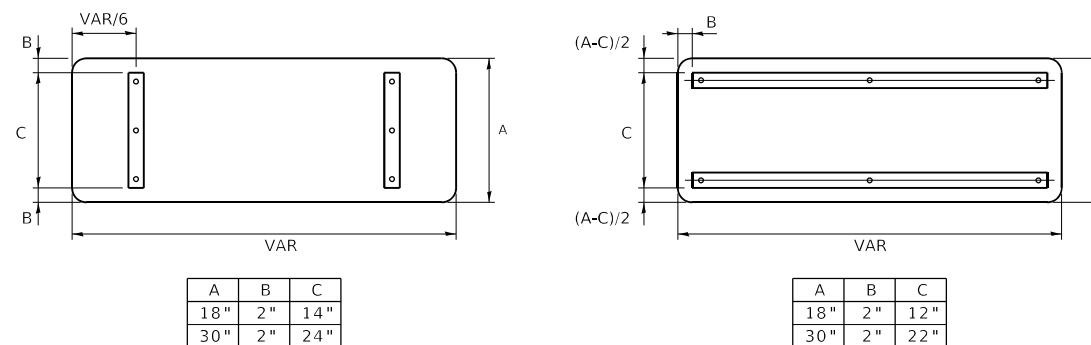
(8") UPPER CASE AND (6") LOWER CASE

CHARACTER	FHWA SERIES "C"			FHWA SERIES "D"			
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

**MOUNTING LOCATION**



**SUPPORTING CHANNELS**



A	B	C
18"	2"	14"
30"	2"	24"

A	B	C
18"	2"	12"
30"	2"	22"

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
MAST ARM MOUNTED STREET NAME SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	55
	TS-02	CONTRACT NO.	61H91	

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

# TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

MODEL: D:\draft...  
FILE NAME: p:\u10848EBIDNTEG...  
PROJECT: D:\draft...  
OFFICE: D:\draft...  
DATE: 3/4/2019

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	DRAWN - IP	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -
PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE    SHEET 1 OF 7 SHEETS    STA.    TO STA.

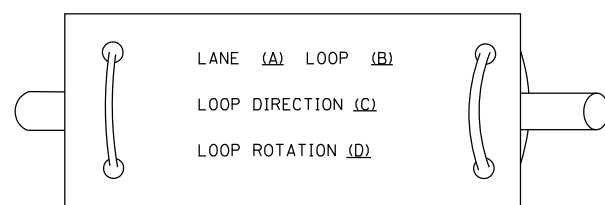
F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 56
TS-05		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				



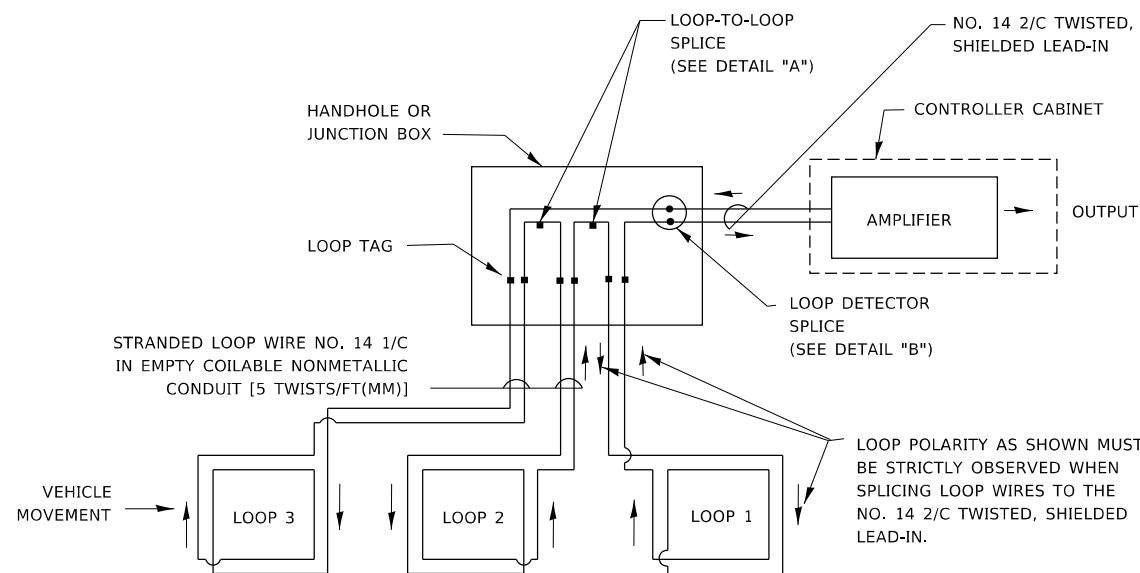
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

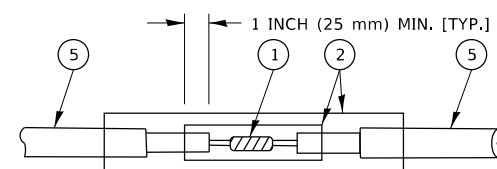


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

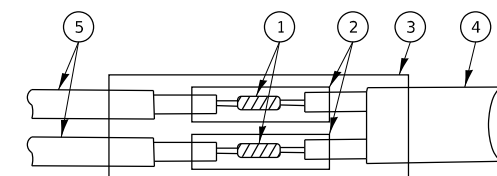


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE.
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

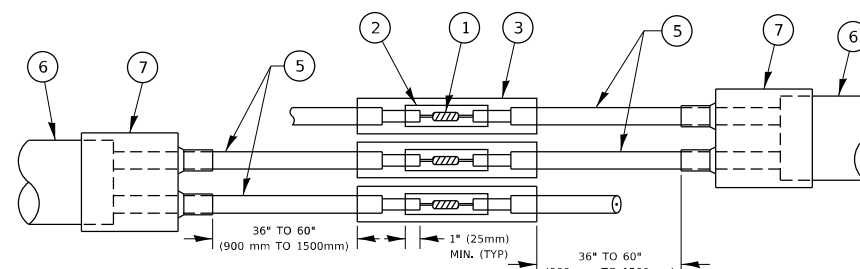


DETAIL "A"  
LOOP-TO-LOOP SPLICE

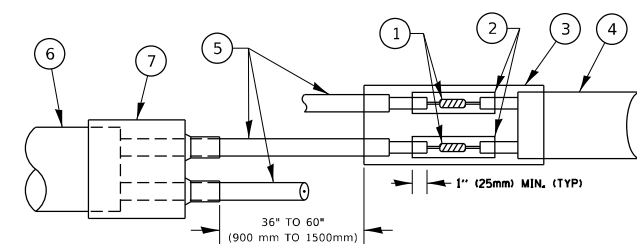


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

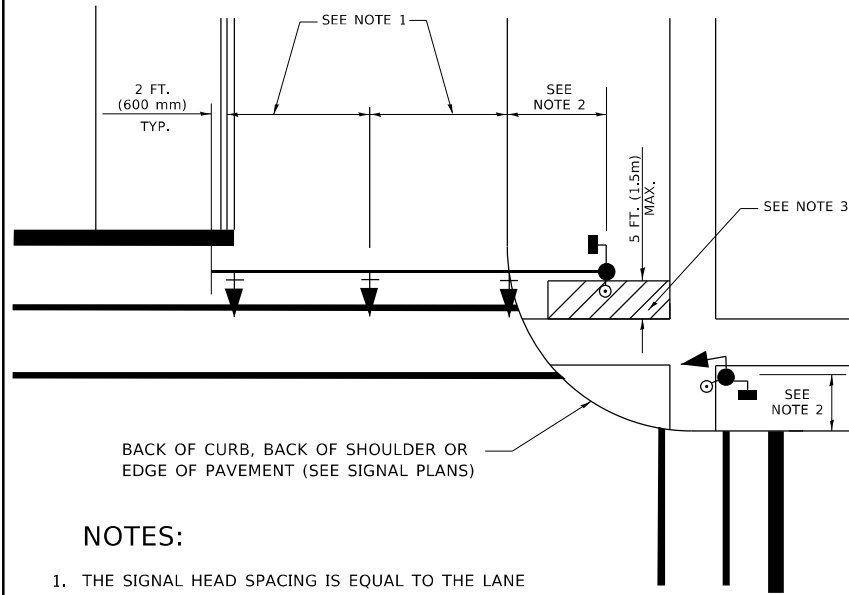
DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 57
TS-05		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				

**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

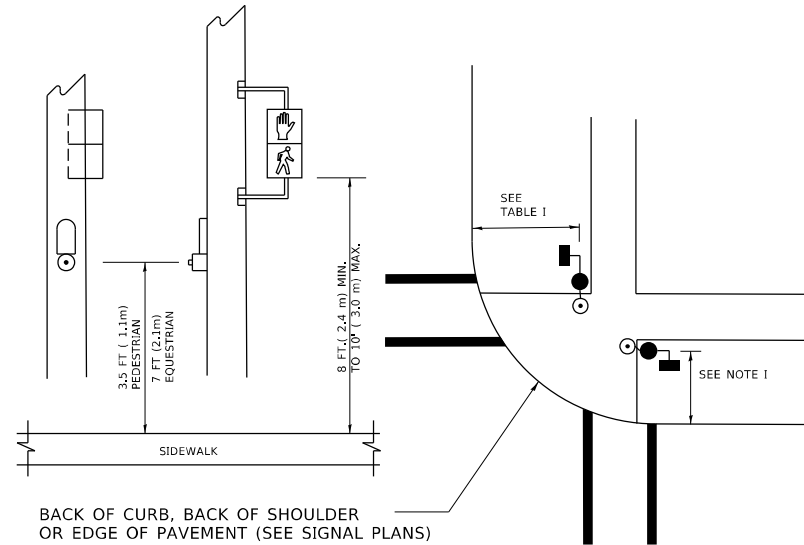
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

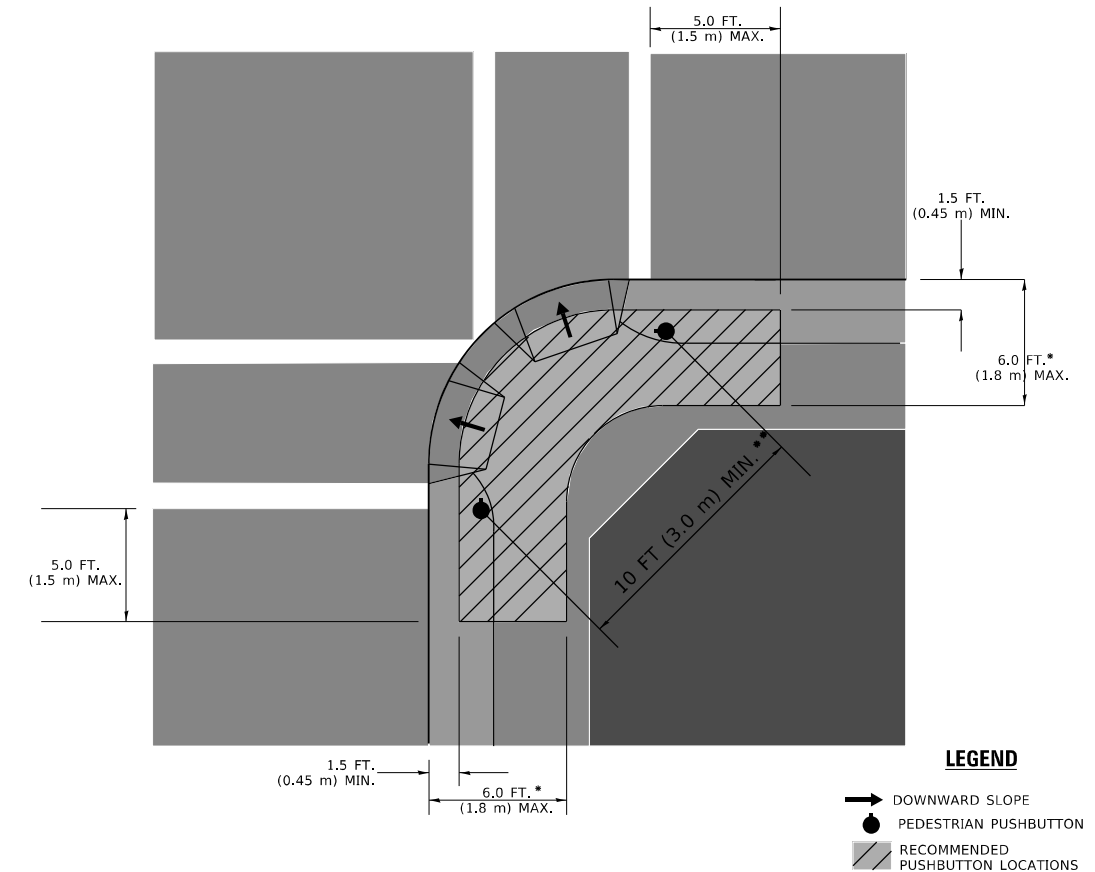
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



**LEGEND**

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- \* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT ( 1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- \*\* WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS, THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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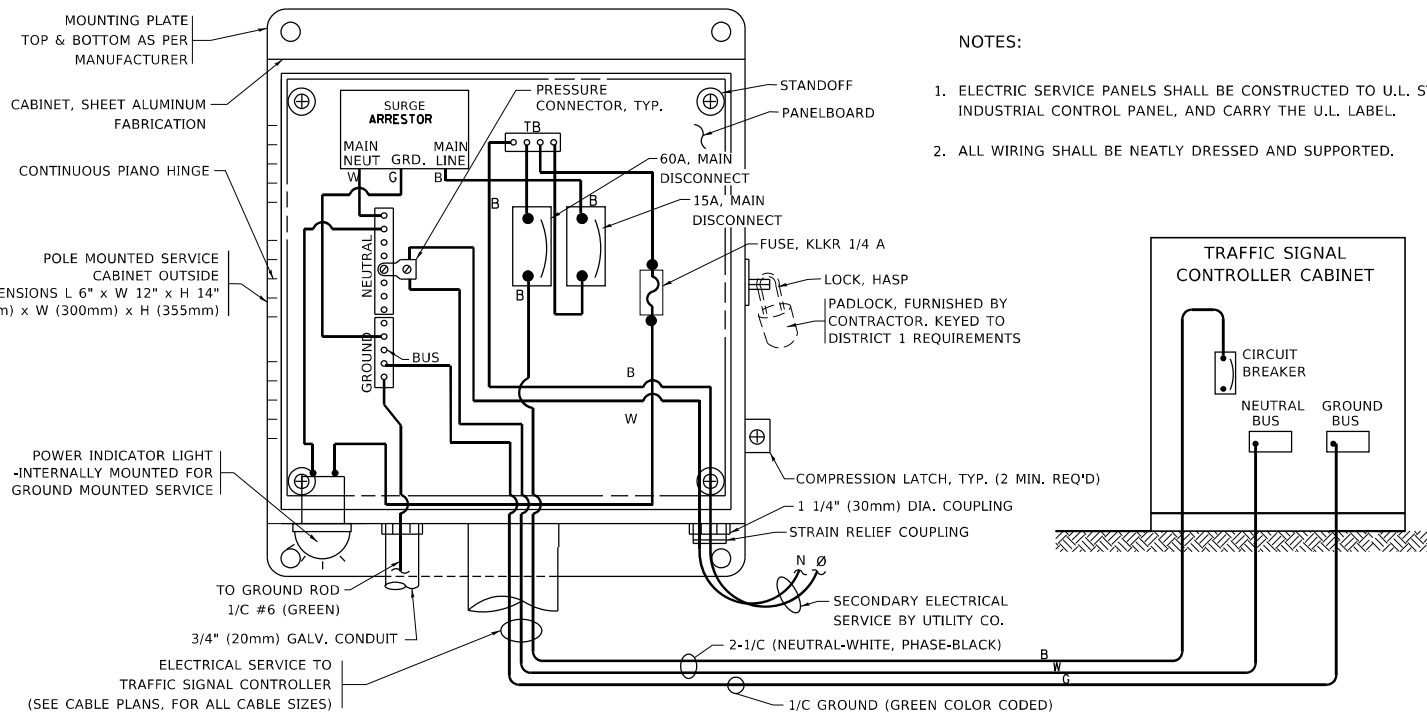
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

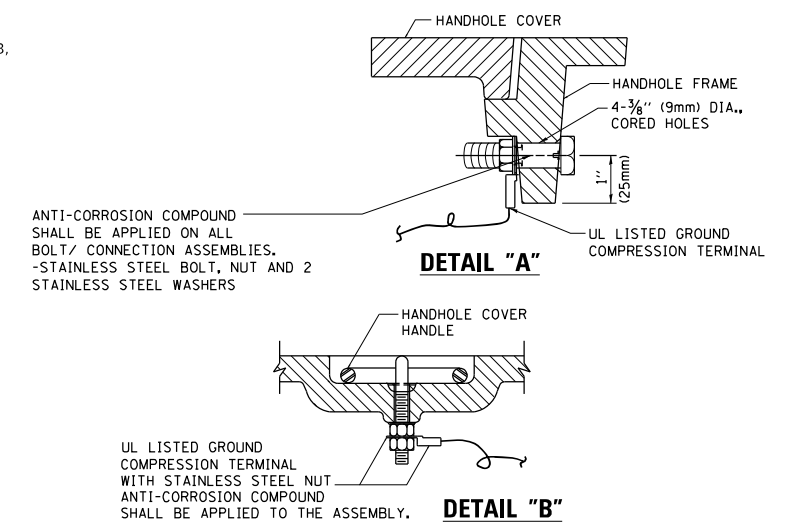
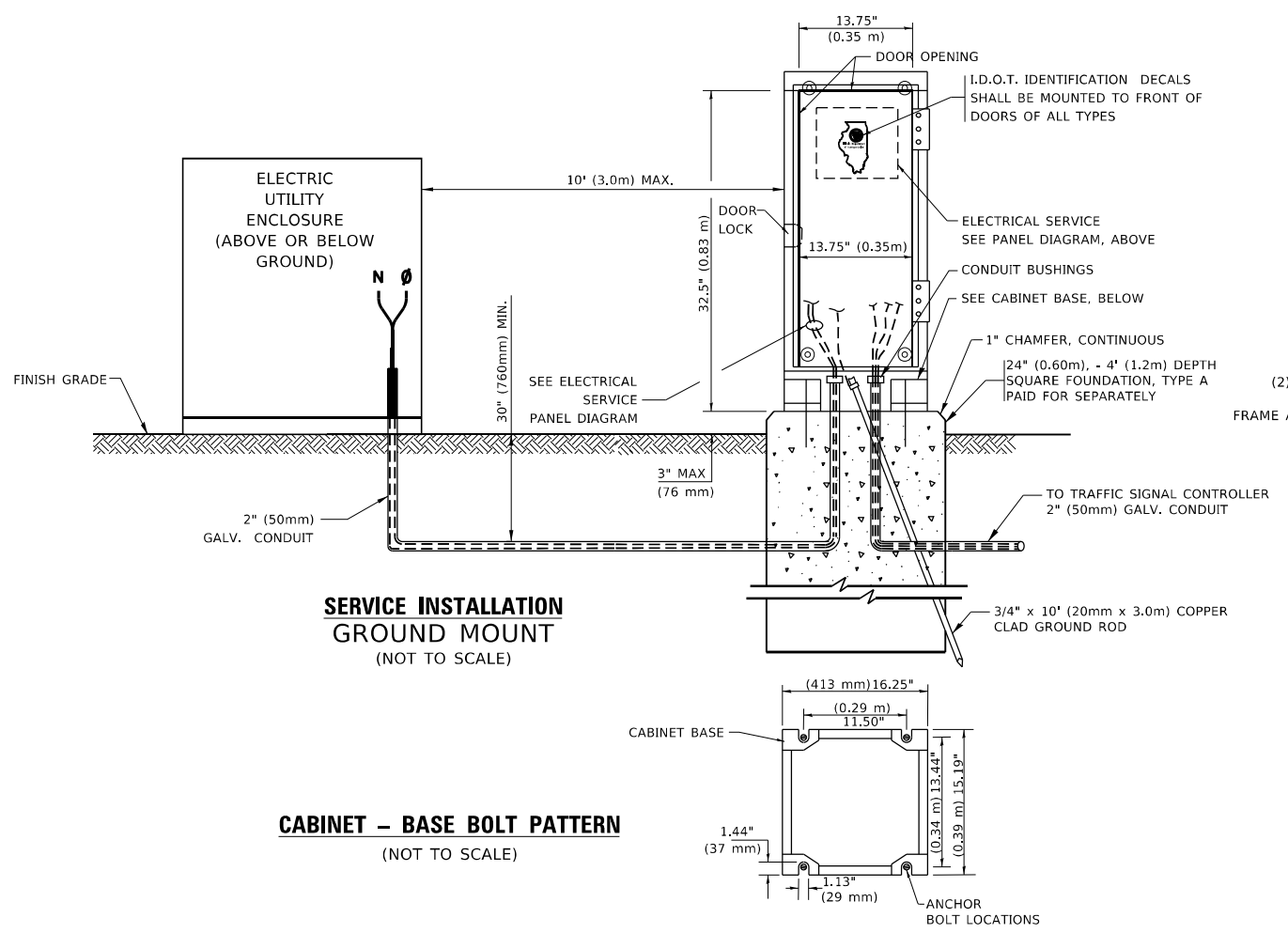
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STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

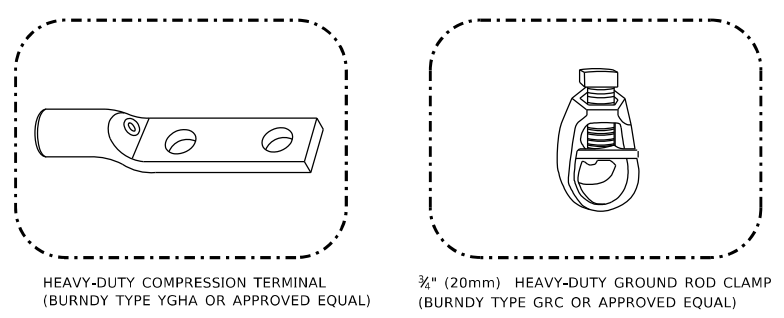
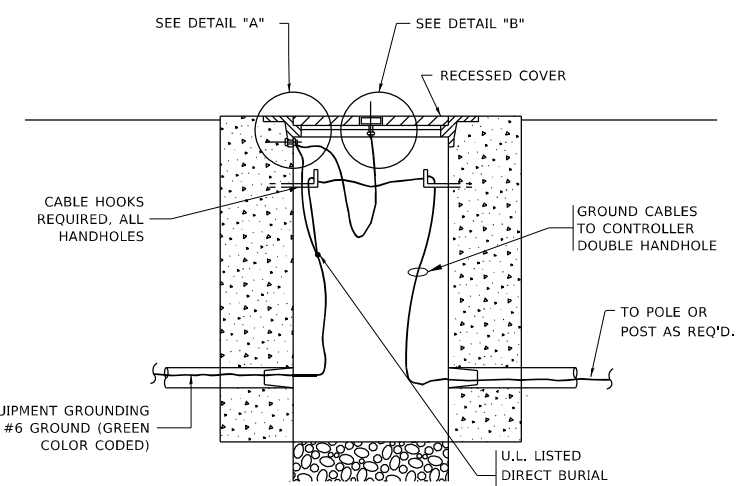
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		ILLINOIS	FED. AID PROJECT	



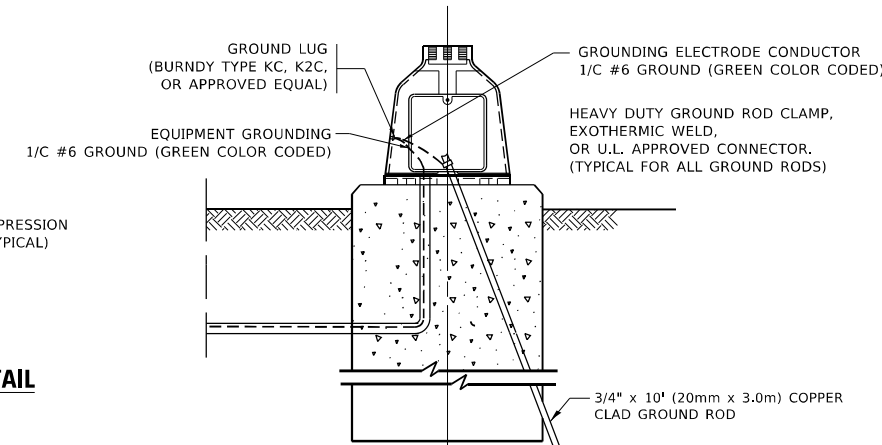
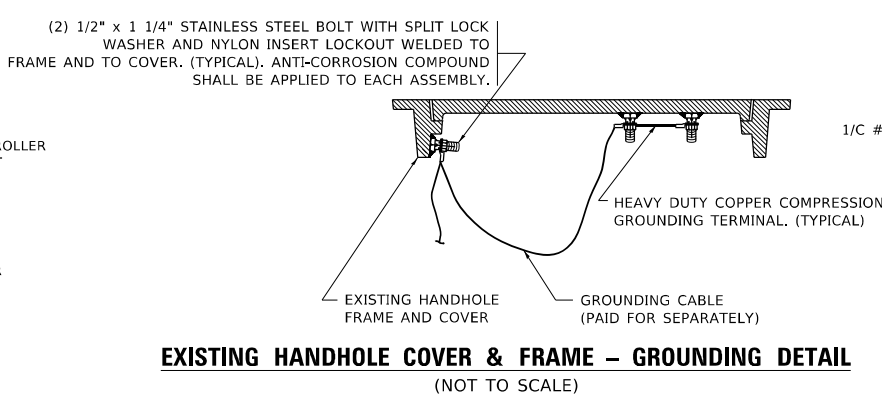
**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



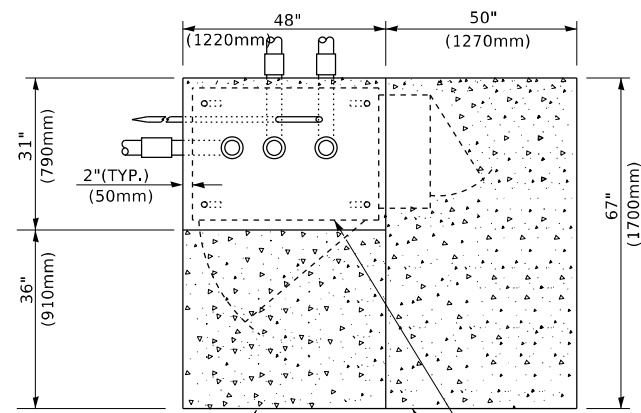
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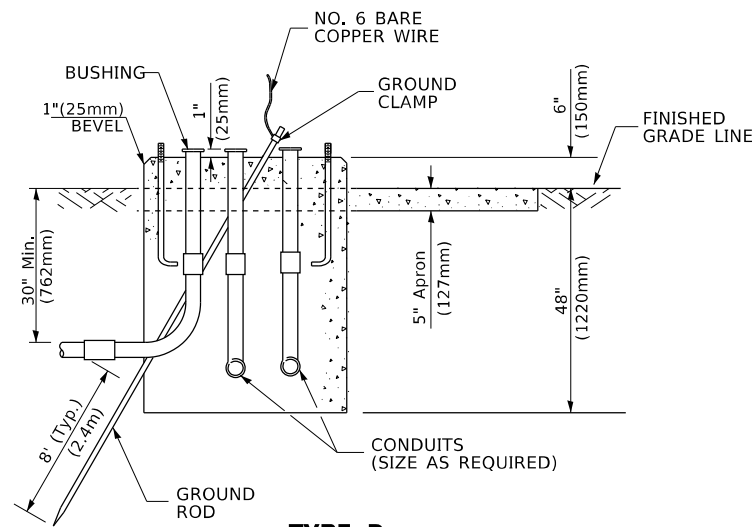
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET 4	OF 7 SHEETS	STA. TO STA.

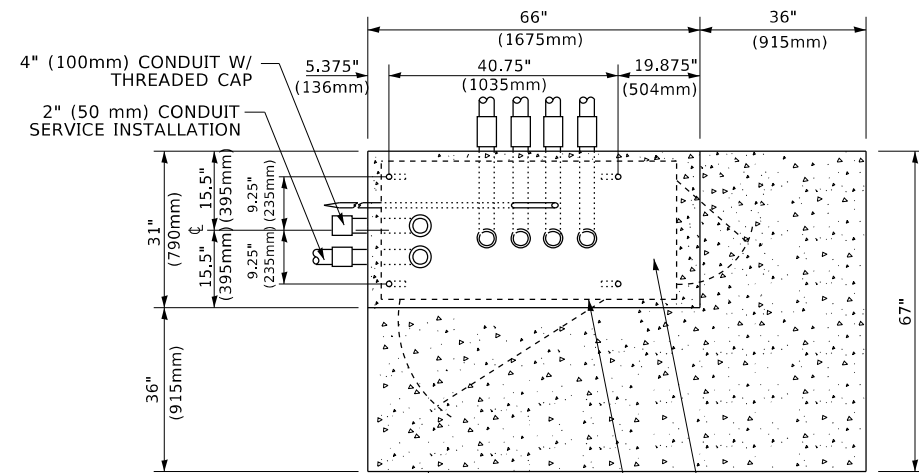
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TS-05		CONTRACT NO. 61H91		
		ILLINOIS FED. AID PROJECT		



**TOP VIEW**

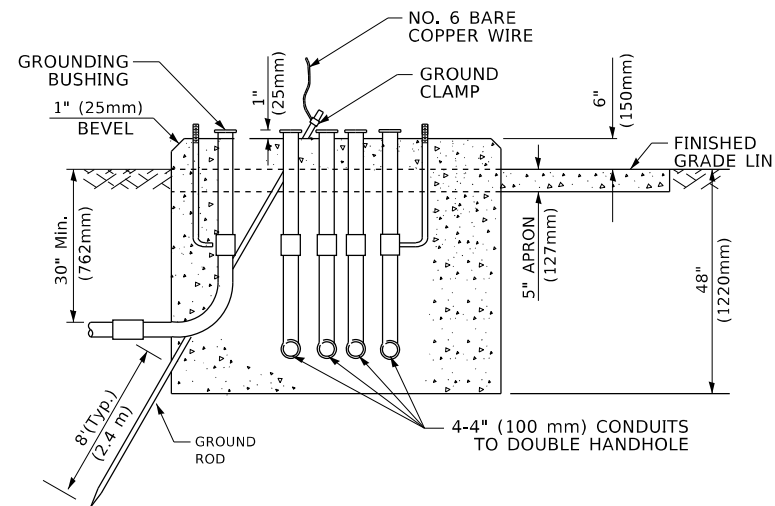


**TYPE D  
FOR GROUND MOUNTED  
CONTROLLER CABINET  
AND UPS BATTERY CABINET**

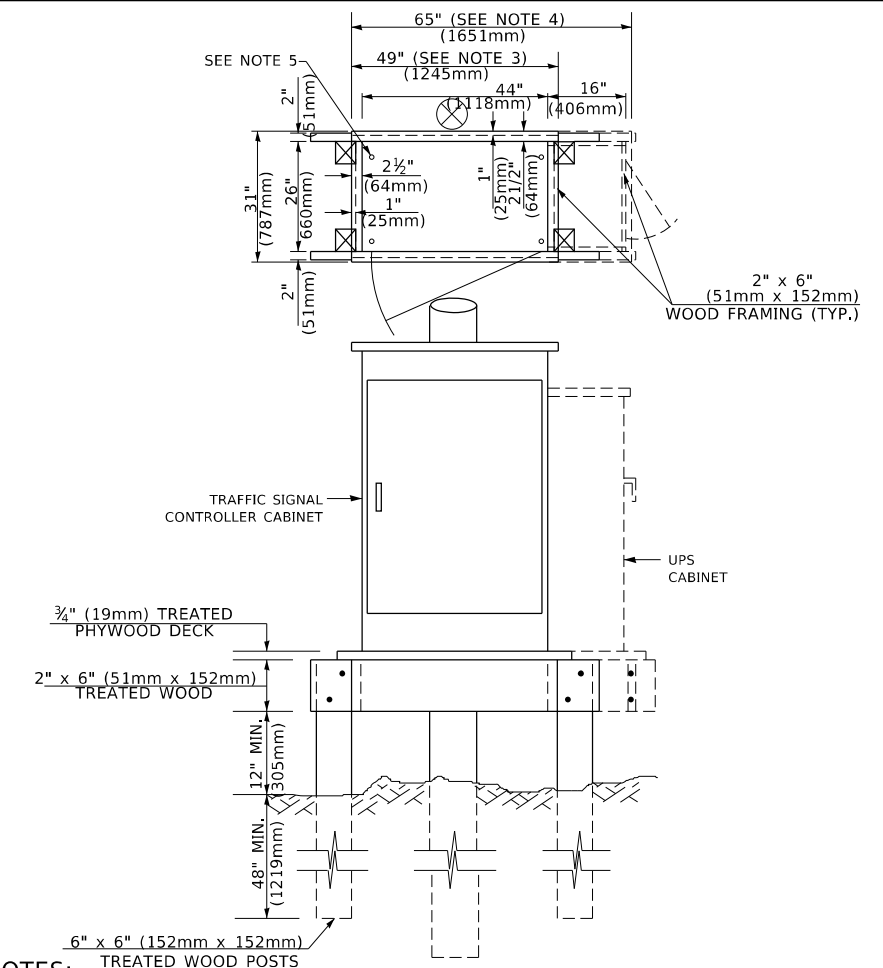


**TOP VIEW**

**NOTE:**  
TOP OF FOUNDATION SHALL  
BE HIGHER THAN TOP OF  
DOUBLE HANDHOLE



**TYPE C  
FOR GROUND MOUNTED  
SUPER P (TYPE IV) AND SUPER R (TYPE V)  
CONTROLLER CABINETS**



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

**CABLE SLACK**

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE ( MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

**VERTICAL CABLE LENGTH**

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

**DEPTH OF FOUNDATION**

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

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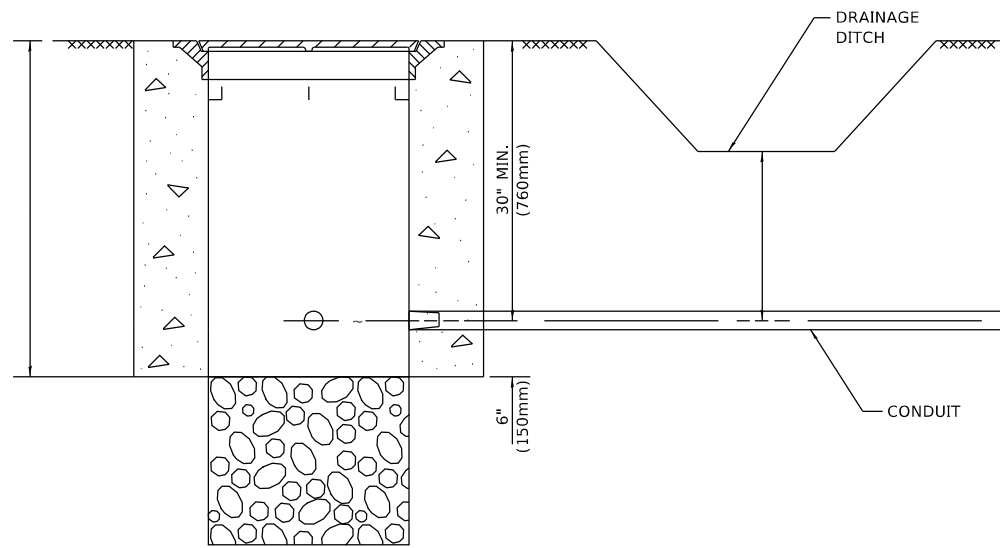
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

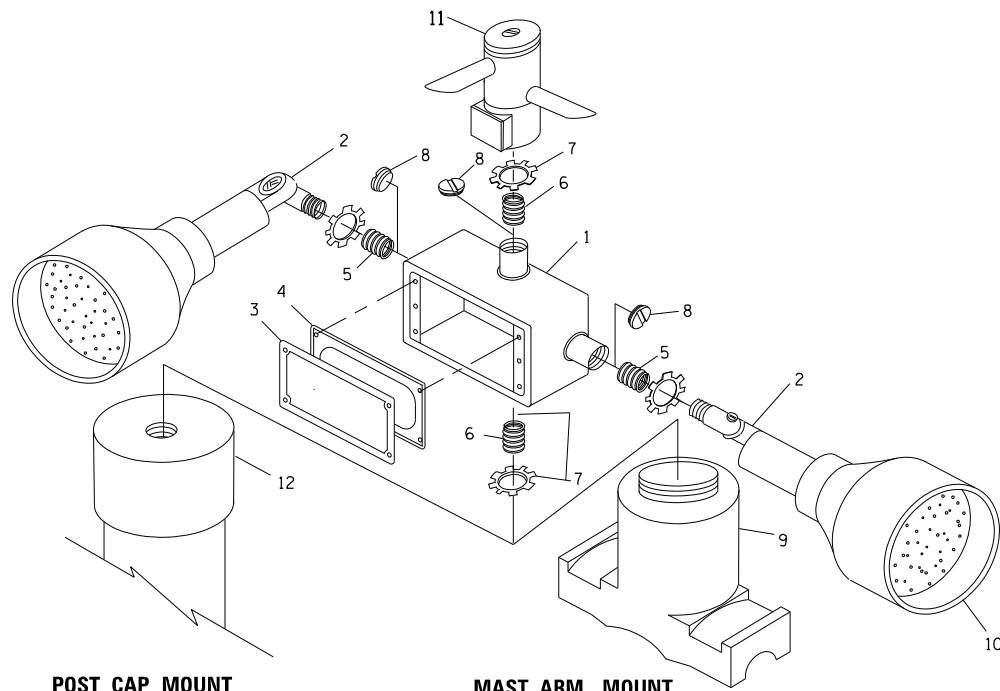
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TS-05		CONTRACT NO. 61H91		
ILLINOIS		FED. AID PROJECT		



**NOTES:**

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

**HANDHOLE WITH MINIMUM CONDUIT DEPTH**  
(NOT TO SCALE)

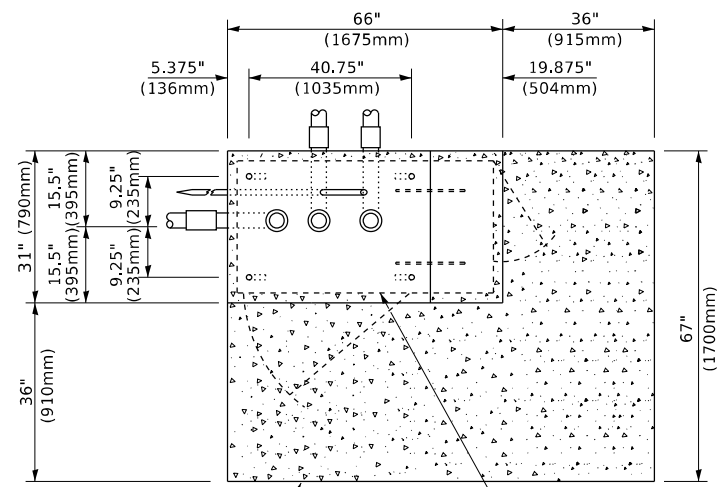


**POST CAP MOUNT**      **MAST ARM MOUNT**  
**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION**  
**BEACON MOUNTING DETAIL**

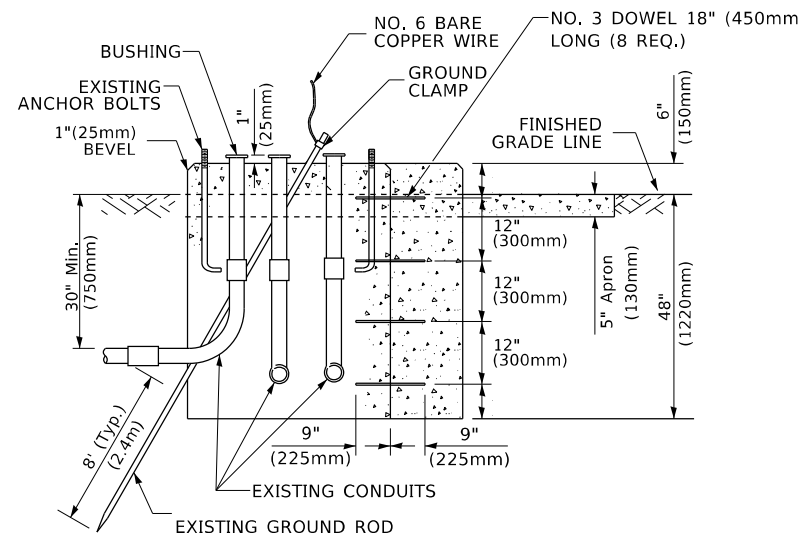
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

**NOTES:**

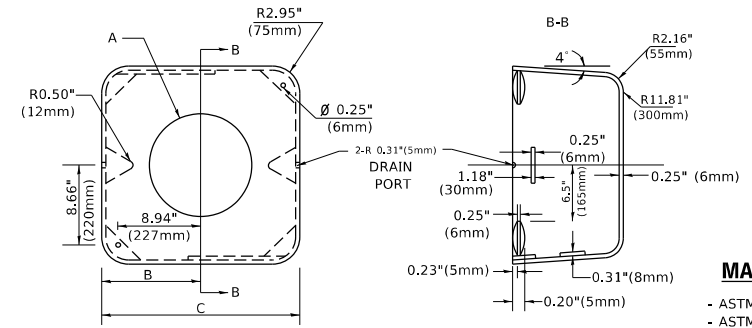
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



**TOP VIEW**  
(NOT TO SCALE)



**MODIFY EXISTING TYPE "D" FOUNDATION**  
**TO TYPE "C" FOUNDATION**  
(NOT TO SCALE)



A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

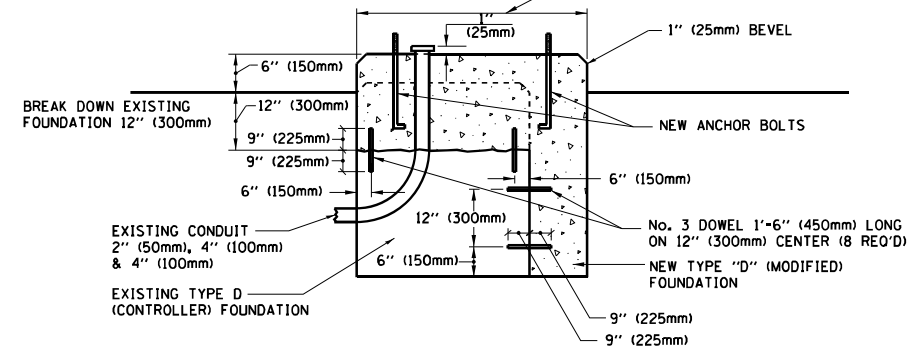
**SHROUD**

**NOTES:**

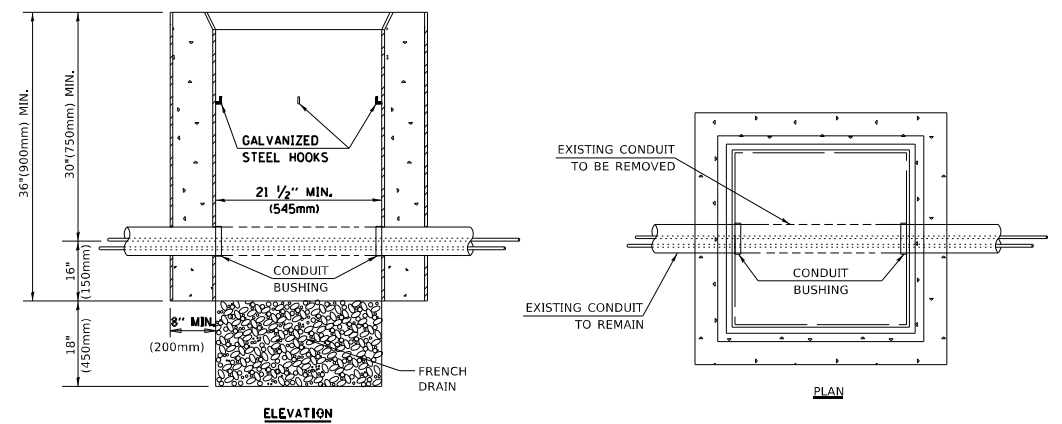
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

**NOTE:**

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



**MODIFY EXISTING TYPE "D" FOUNDATION**



**NOTES:**

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>			
<b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			
SCALE: NONE	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE. 2678	SECTION 20-00198-00-RS	COUNTY DUPAGE	TOTAL SHEETS 88	SHEET NO. 61
TS-05		CONTRACT NO. 61H91		
ILLINOIS / FED. AID PROJECT				





**REMOVAL AND RELOCATION NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POST
- 4 EACH TRAFFIC SIGNAL POST
- 9 EACH 3-SECTION SIGNAL HEAD
- 4 EACH 5-SECTION SIGNAL HEAD
- 1 EACH SERVICE INSTALLATION
- 7 EACH TRAFFIC SIGNAL BACKPLATE
- 6 EACH HANDHOLE
- 1 EACH DOUBLE HANDHOLE
- 9 EACH CONCRETE FOUNDATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED MAST ARMS AND TRAFFIC SIGNAL CONTROLLER:

- 2 EACH EMERGENCY VEHICLE LIGHT DETECTOR
- 1 EACH EMERGENCY VEHICLE PHASING UNIT

**TRAFFIC SIGNAL NOTES**

1. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS AND INSPECTION OPENINGS SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL J.U.L.I.E. TOLL FREE NUMBER 1-800-892-0123.
3. ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) FEET AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHALL BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
4. THE CONTRACTOR SHALL CONTACT THE CITY OF ELMHURST FOR TRAFFIC SIGNAL CABLE LOCATION, A MINIMUM OF 48 HOURS IN ADVANCE (SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED) AT ANY LOCATION WITHIN THE RIGHT-OF-WAY.
5. LEAD WIRE AND DETECTOR LOOPS SHALL BE SAWCUT 4" DEEP INTO THE PAVEMENT WHERE BITUMINOUS SURFACE COURSE IS NOT A PART OF THE CONTRACT.
6. ALL PRESENCE LOOPS SHALL BE EQUIPPED WITH AN INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT.
7. ALL LUMINAIRE ARMS SHALL BE 15 FEET LONG UNLESS OTHERWISE NOTED.
8. ALL LUMINAIRES SHALL BE MOUNTED AT 40 FOOT HEIGHT UNLESS OTHERWISE NOTED.

**TEMPORARY TRAFFIC SIGNAL NOTES**

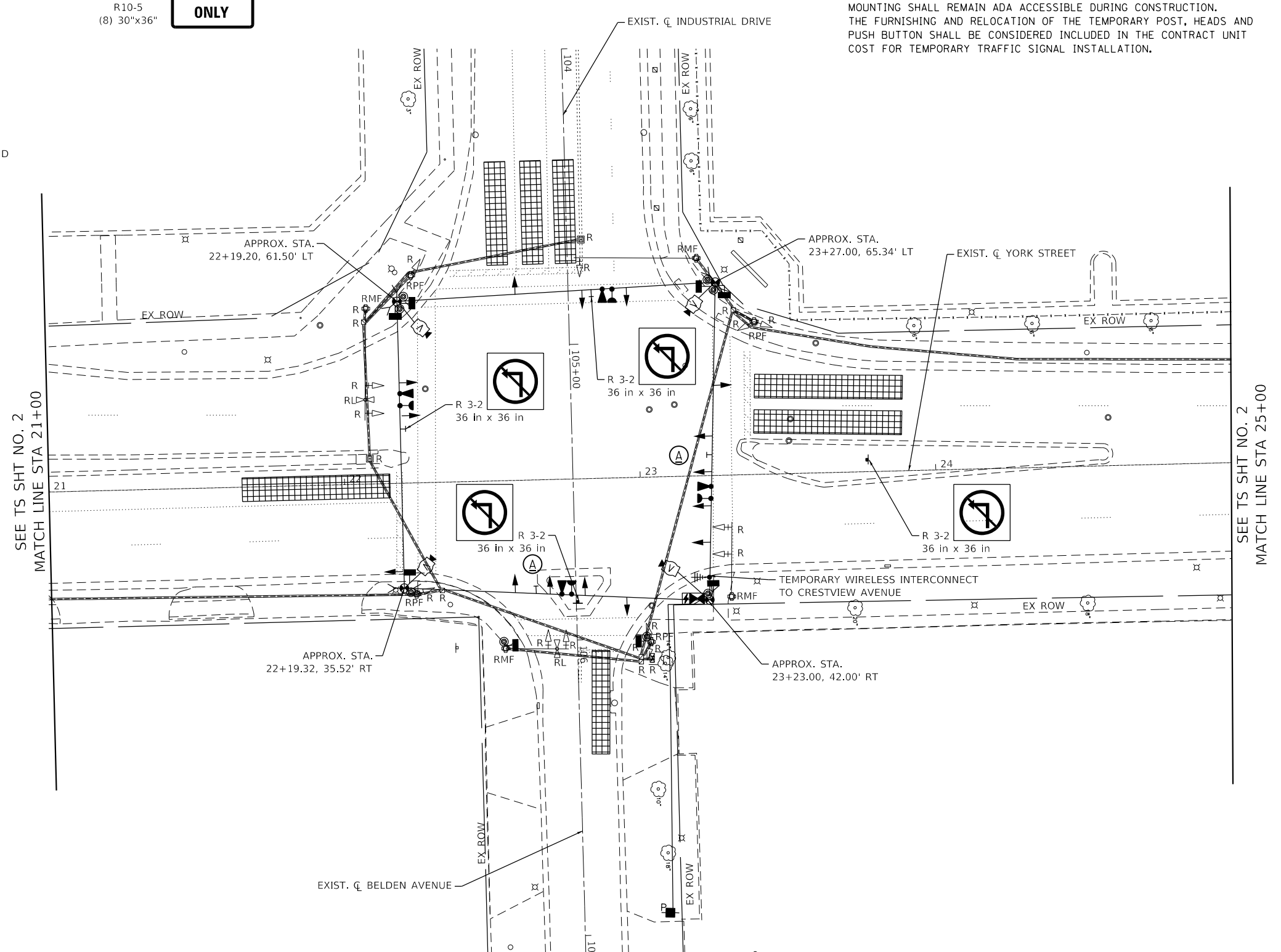
1. ALL EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT (LIGHT DETECTORS, LIGHT DETECTOR AMPLIFIERS, ETC.) SHALL BE SALVAGED BY THE CONTRACTOR FOR RELOCATION TO THE PERMANENT TRAFFIC SIGNALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT, AS REQUIRED, ON THE TEMPORARY SIGNALS.
2. ALL WOOD POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF SIX (6) FEET FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE WOOD POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
3. ALL CABLE SHALL HAVE STRANDED CONDUCTORS WHERE ANY PORTION OF THE CABLE IS INSTALLED AERIAL SUSPENDED. ALL WIRING TERMINATIONS OF STRANDED CONDUCTORS SHALL BE MADE WITH SOLDERLESS TOOL COMPRESSED TERMINALS.
4. THE RELOCATION AND RAISING OF COMMONWEALTH EDISON COMPANY (COM ED) FACILITIES SHALL BE PERFORMED BY COM ED.
5. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, OR REMOVAL OF EXISTING TEMPORARY SIGNALS.

**CONSTRUCTION NOTES:**

CROSSWALKS MUST REMAIN OPEN AND FULLY ACCESSIBLE AT ALL TIMES. SHORT TERM CLOSURES MAY BE ALLOWED ONLY UPON WRITTEN APPROVAL OF THE ENGINEER.

PROVIDE BARREL MOUNTED PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH-BUTTON WITH ADEQUATE CABLE SLACK TO RELOCATE TEMPORARY POST TO ANY LOCATION REQUIRED FOR TRAFFIC CONTROL STAGING ALONG SIDEWALK. THE PEDESTRIAN PUSH BUTTON LOCATION AND MOUNTING SHALL REMAIN ADA ACCESSIBLE DURING CONSTRUCTION. THE FURNISHING AND RELOCATION OF THE TEMPORARY POST, HEADS AND PUSH BUTTON SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

**LEFT ON GREEN ARROW ONLY**



USER NAME = cesario	DESIGNED - MTC	REVISED - _____
PLOT SCALE = 40.0000' / in.	DRAWN - MTC	REVISED - _____
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED - _____
	DATE - 11/02/2022	REVISED - _____

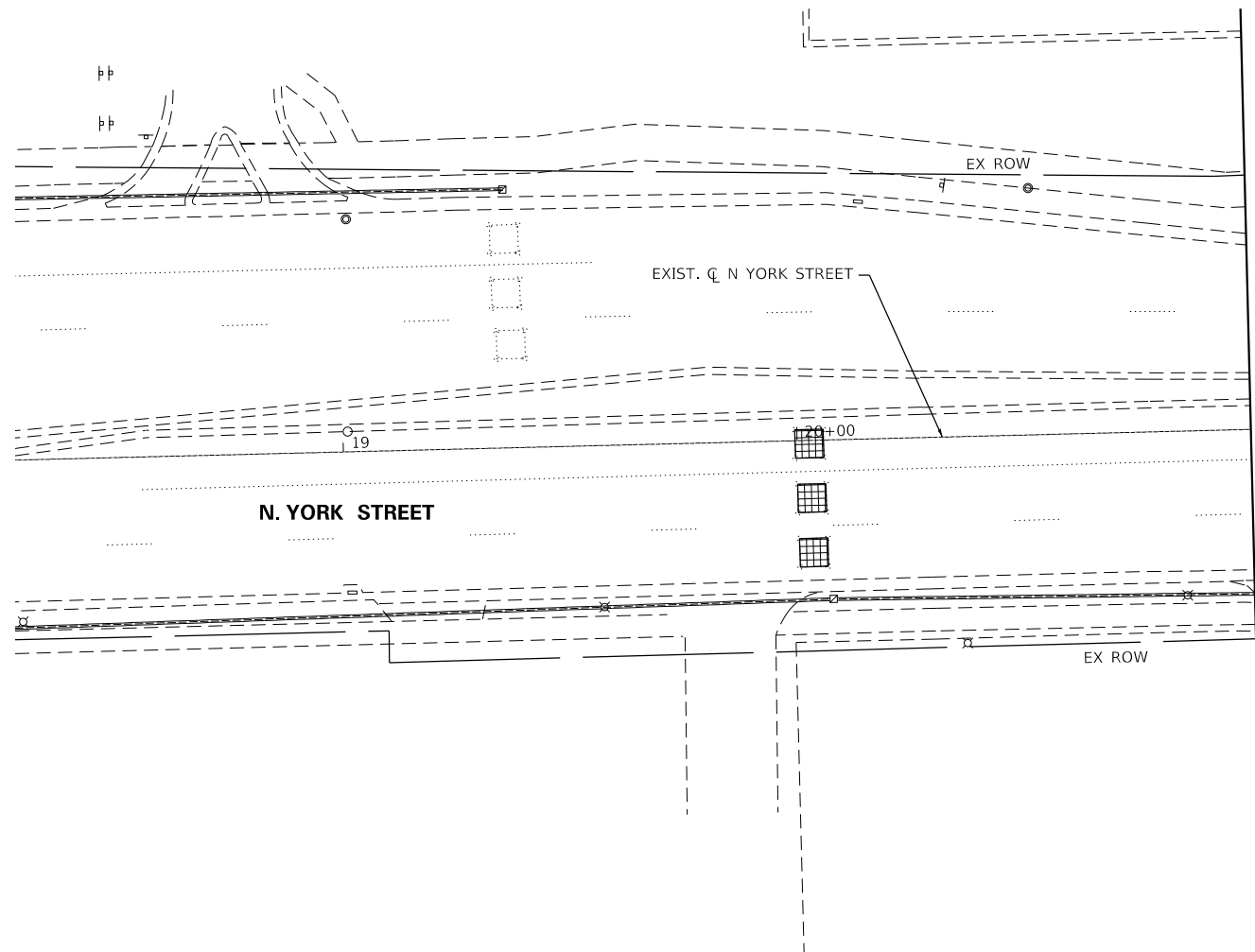
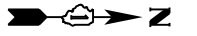
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND  
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
N YORK STREET AND BELDEN AVENUE /INDUSTRIAL DRIVE**

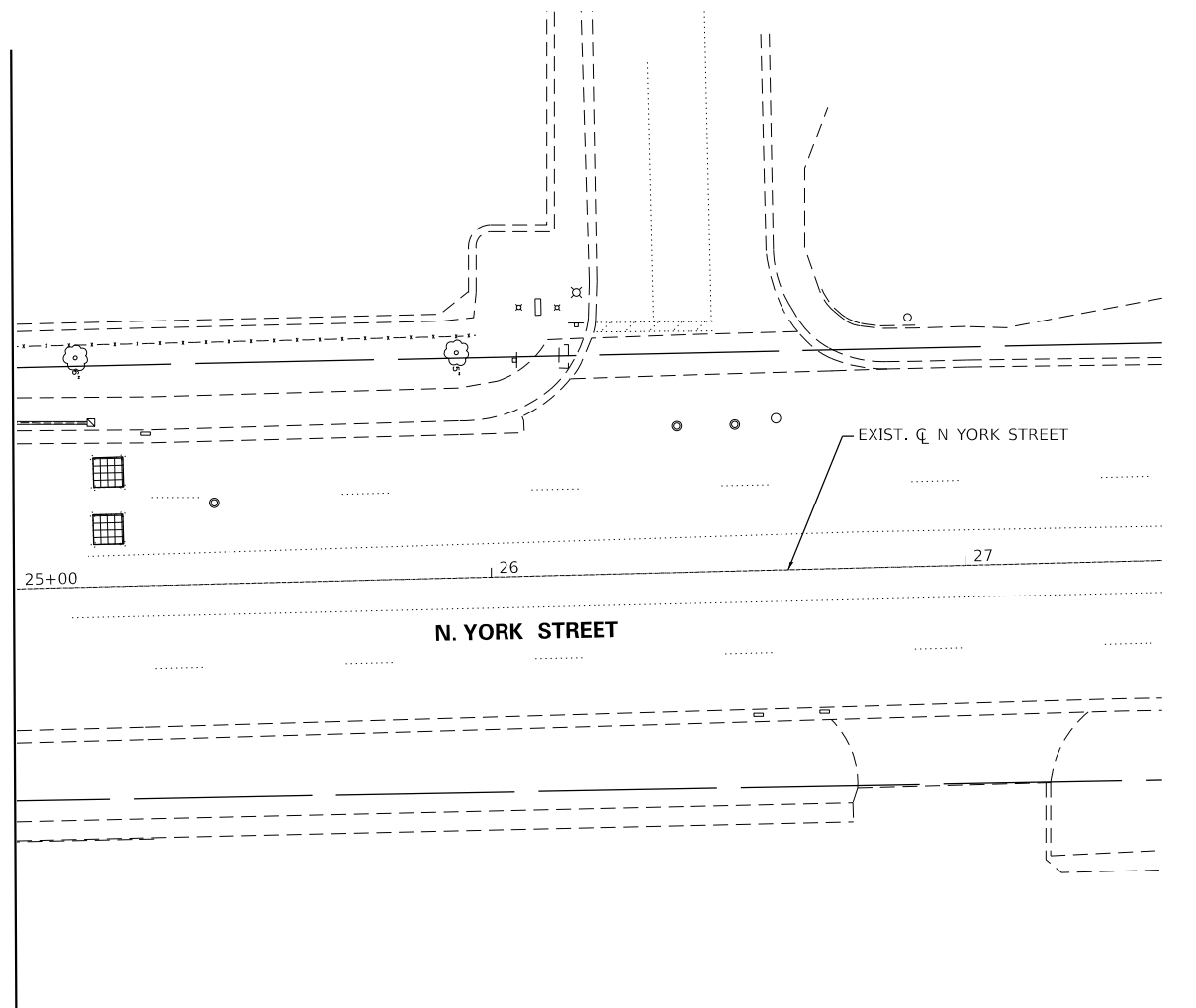
SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 21+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	64
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	





SEE TS SHT NO. 1  
MATCH LINE STA 21+00



SEE TS SHT NO. 1  
MATCH LINE STA 25+00



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

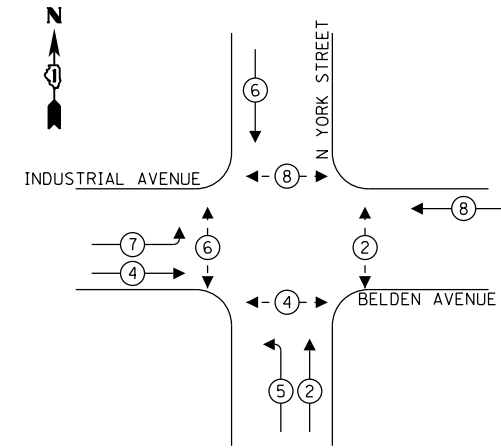
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND  
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
N YORK STREET AND BELDEN AVENUE /INDUSTRIAL DRIVE

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	65
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

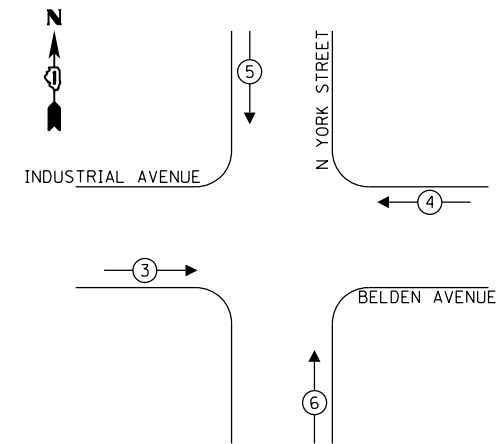
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ←\*→ PROTECTED PHASE
- ←-\*- PROTECTED/PERMITTED PHASE
- ←\*→ PEDESTRIAN PHASE
- OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	104.5
(YELLOW)	19	20	5	19.0
(GREEN)	19	12	45	102.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				483.1

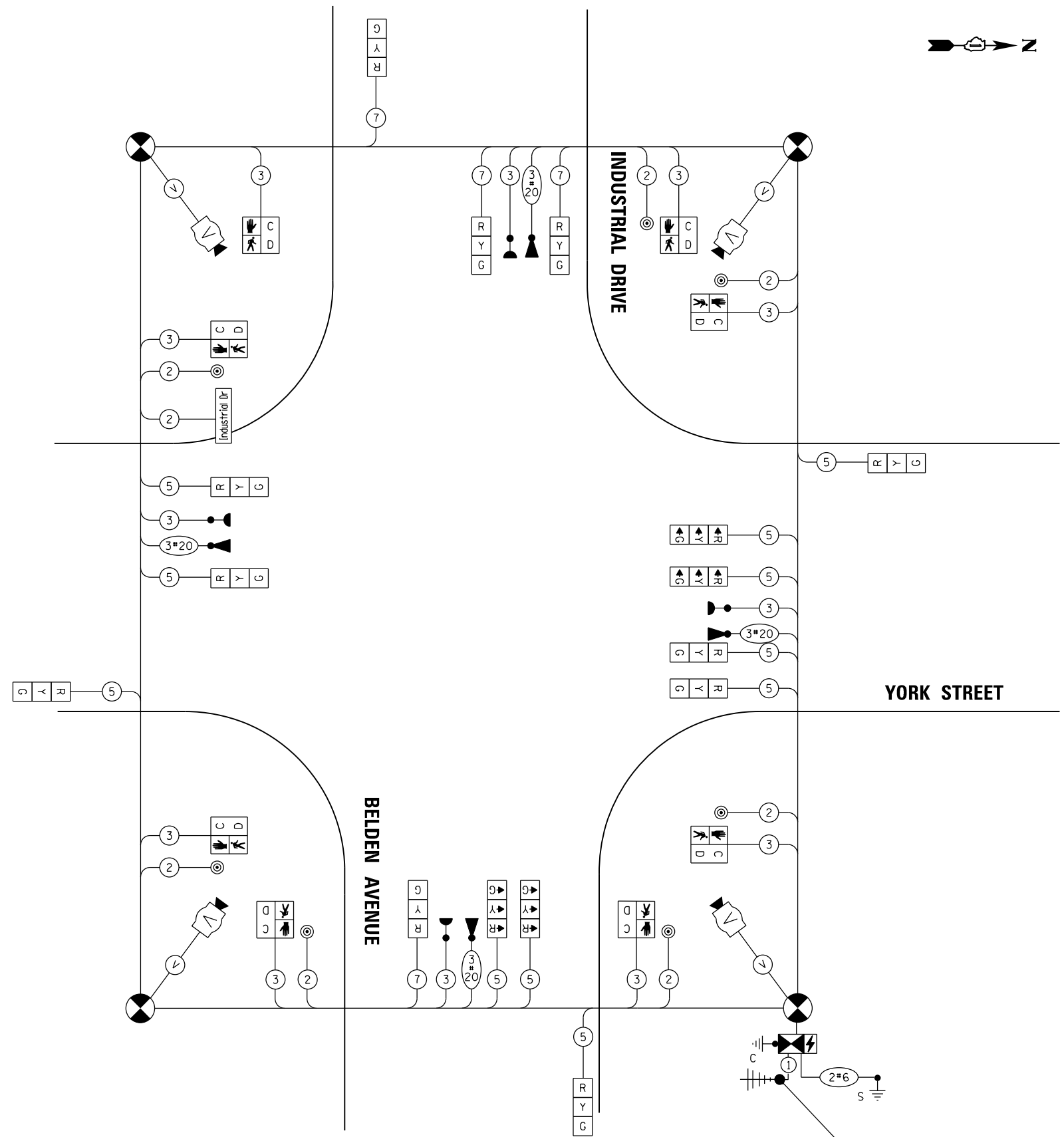
ENERGY COSTS TO:

CITY OF ELMHURST  
209 N YORK STREET  
ELMHURST, ILLINOIS 60126

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: ---

**NOTE:**

THE TRAFFIC CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



**CABLE PLAN**  
(NOT TO SCALE)

TEMPORARY WIRELESS INTERCONNECT TO CRESTVIEW AVENUE



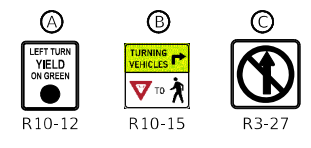
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	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

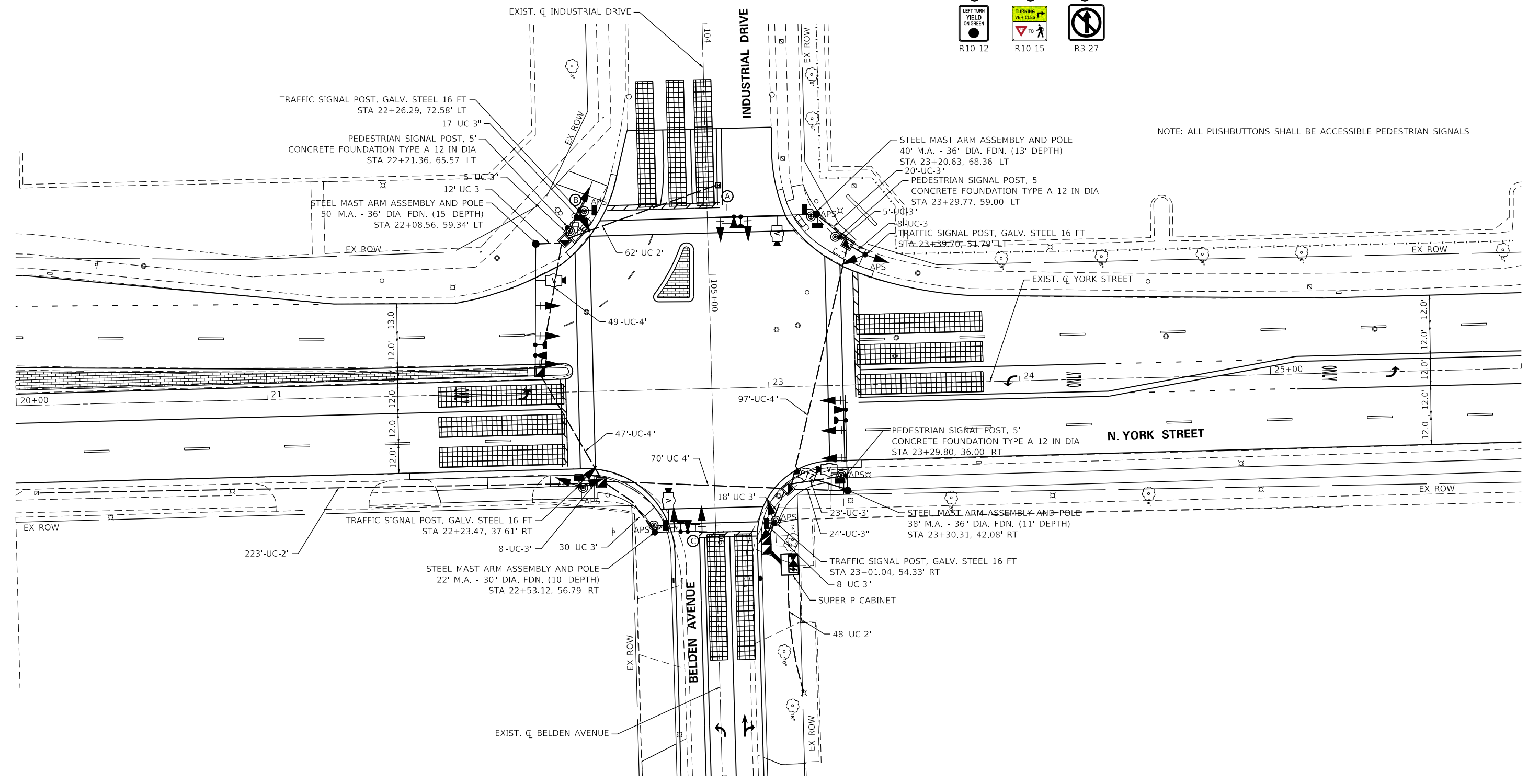
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
YORK STREET AT INDUSTRIAL DRIVE/BELDEN AVENUE

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H91	



NOTE: ALL PUSHBUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS



USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

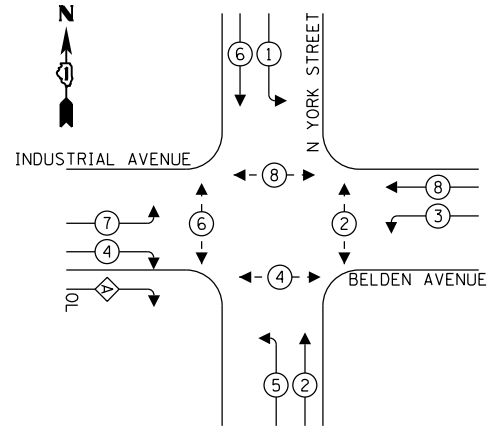
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN  
YORK STREET AND INDUSTRIAL AVE/BELDEN AVENUE**

SCALE: 1"=20'    SHEET 1 OF 2 SHEETS    STA. 21+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	67
			CONTRACT NO. 61H91	
		ILLINOIS FED. AID PROJECT		

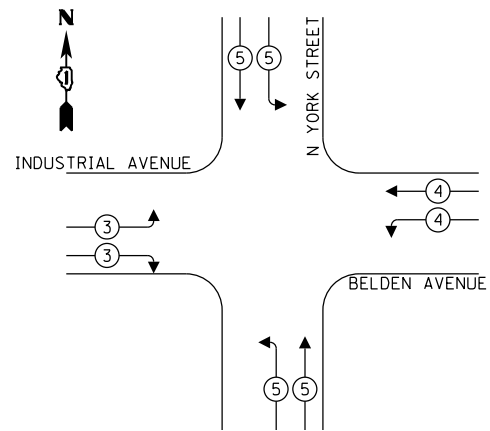
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ ← PROTECTED/PERMITTED PHASE
- ← ⊙ ← PEDESTRIAN PHASE
- ← ⊙ ← OL OVERLAP

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	104.5
(YELLOW)	19	20	5	19.0
(GREEN)	19	12	45	102.6
PROT. PERM. ARROW	12	10	10	12.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				483.1

ENERGY COSTS TO:

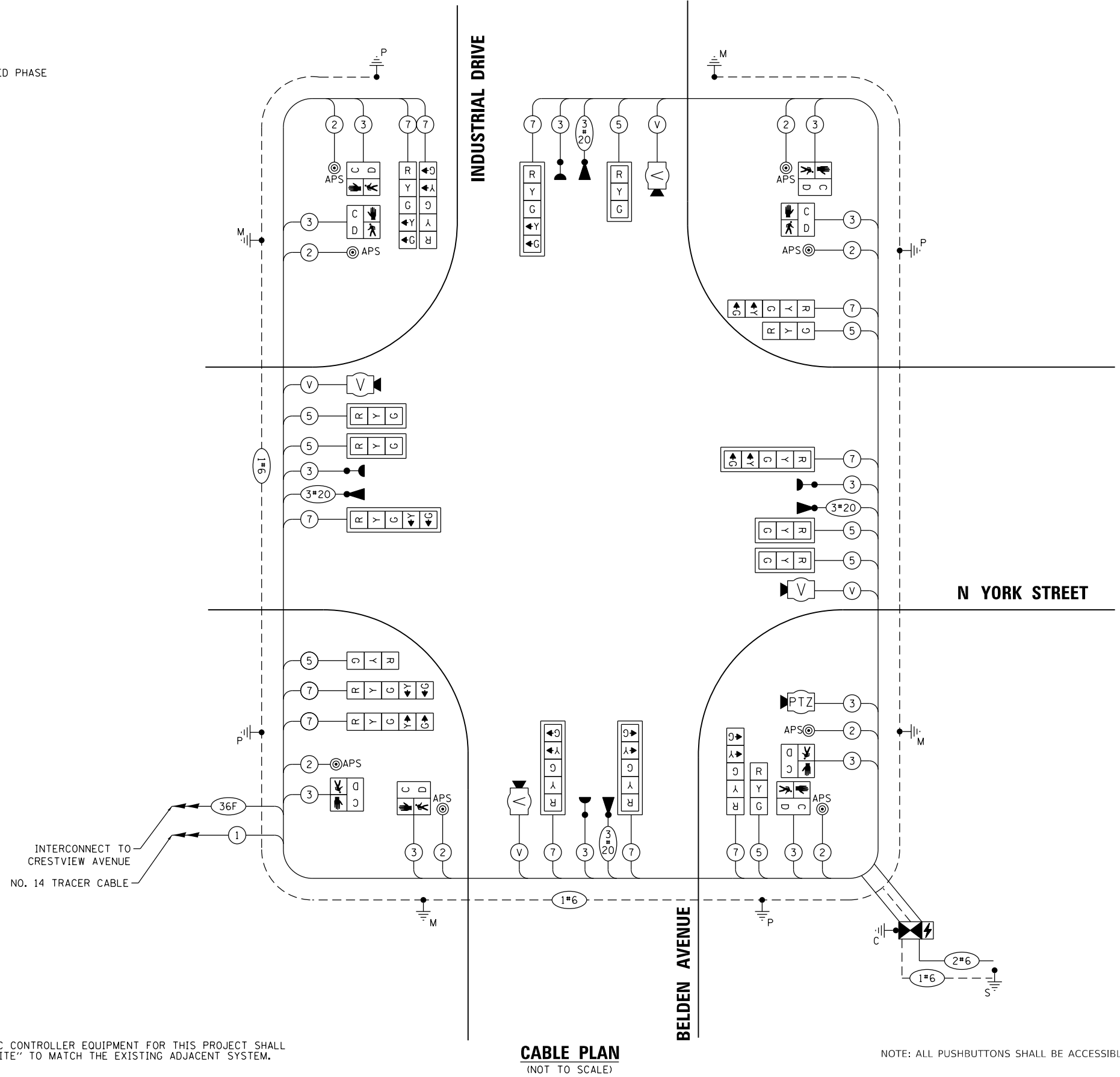
DUPAGE COUNTY  
421 N. COUNTY FARM ROAD  
WHEATON, ILLINOIS 60187

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: ---

**NOTE:**

THE TRAFFIC CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

INTERCONNECT TO  
CRESTVIEW AVENUE  
NO. 14 TRACER CABLE



**CABLE PLAN**  
(NOT TO SCALE)

NOTE: ALL PUSHBUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS



USER NAME = cesario  
DESIGNED - MTC  
DRAWN - MTC  
CHECKED - MTC  
DATE - 11/02/2022

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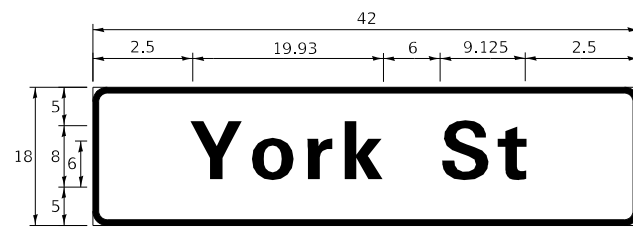
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
N YORK STREET AT INDUSTRIAL DRIVE/BELDEN AVENUE  
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

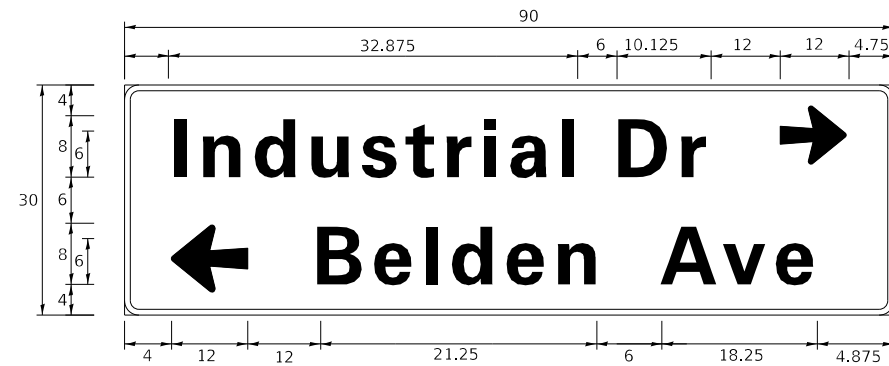
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	68
				CONTRACT NO. 61H91
ILLINOIS FED. AID PROJECT				

**SIGN PANEL – TYPE 1 OR TYPE 2**

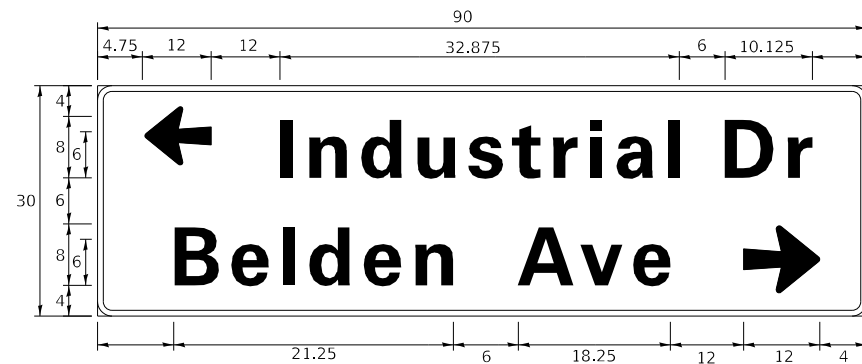
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	5.25	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	18.75	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

**SCHEDULE OF QUANTITIES**

Code Number	Item Description	Unit	Quantity
72000100	SIGN PANEL - TYPE 1	SQ FT	10.5
72000200	SIGN PANEL - TYPE 2	SQ FT	37.5
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	127
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	287
81400100	HANDHOLE	EACH	5
81400200	HEAVY-DUTY HANDHOLE	EACH	1
81400300	DOUBLE HANDHOLE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	560
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	959
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,191
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,888
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	726
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	531
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
88600600	DETECTOR LOOP REPLACEMENT	FOOT	702
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	6
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	825
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4
X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
Z0033070	VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1



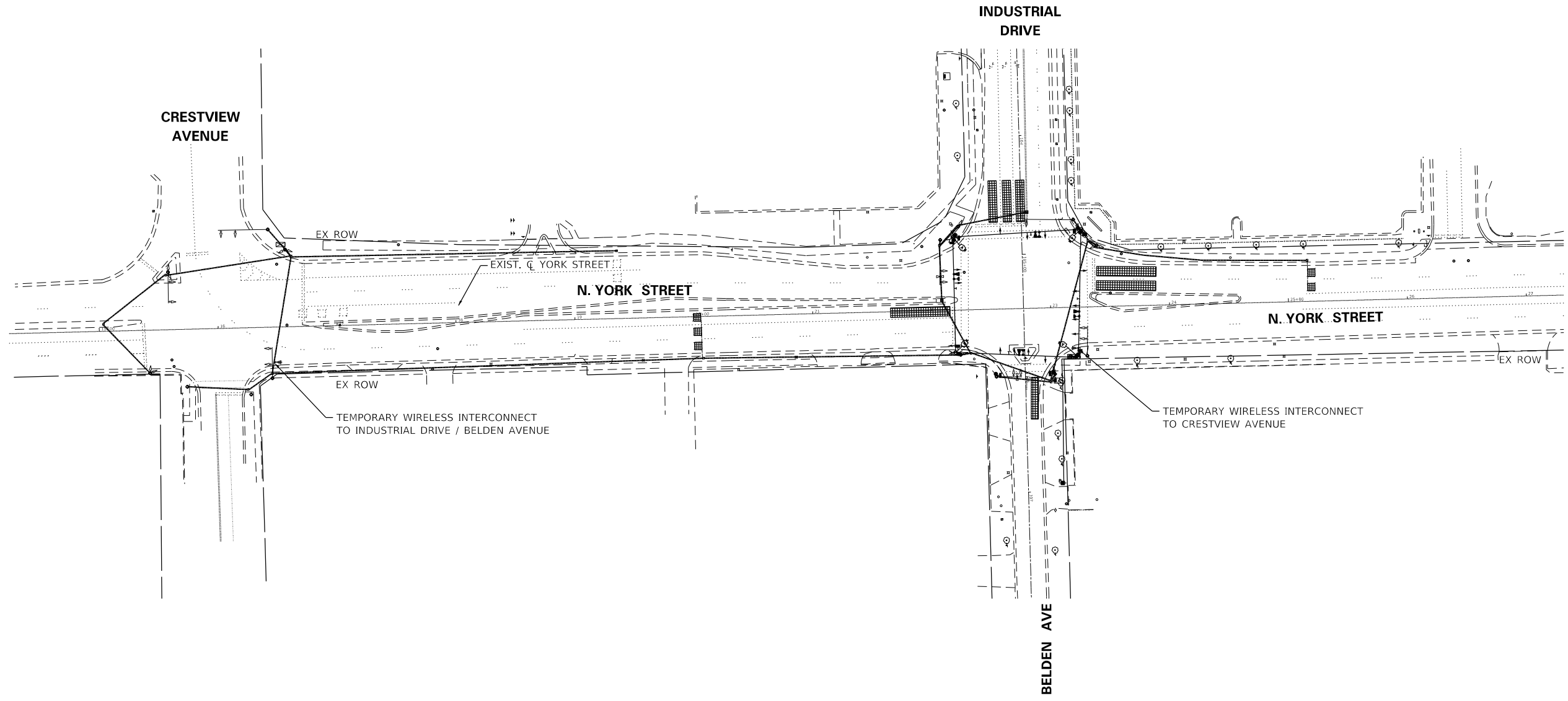
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PLOT DATE = 11/22/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS  
AND SCHEDULE OF QUANTITIES  
YORK ROAD AND BELDEN AVENUE /INDUSTRIAL DRIVE

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	69
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



EX ROW

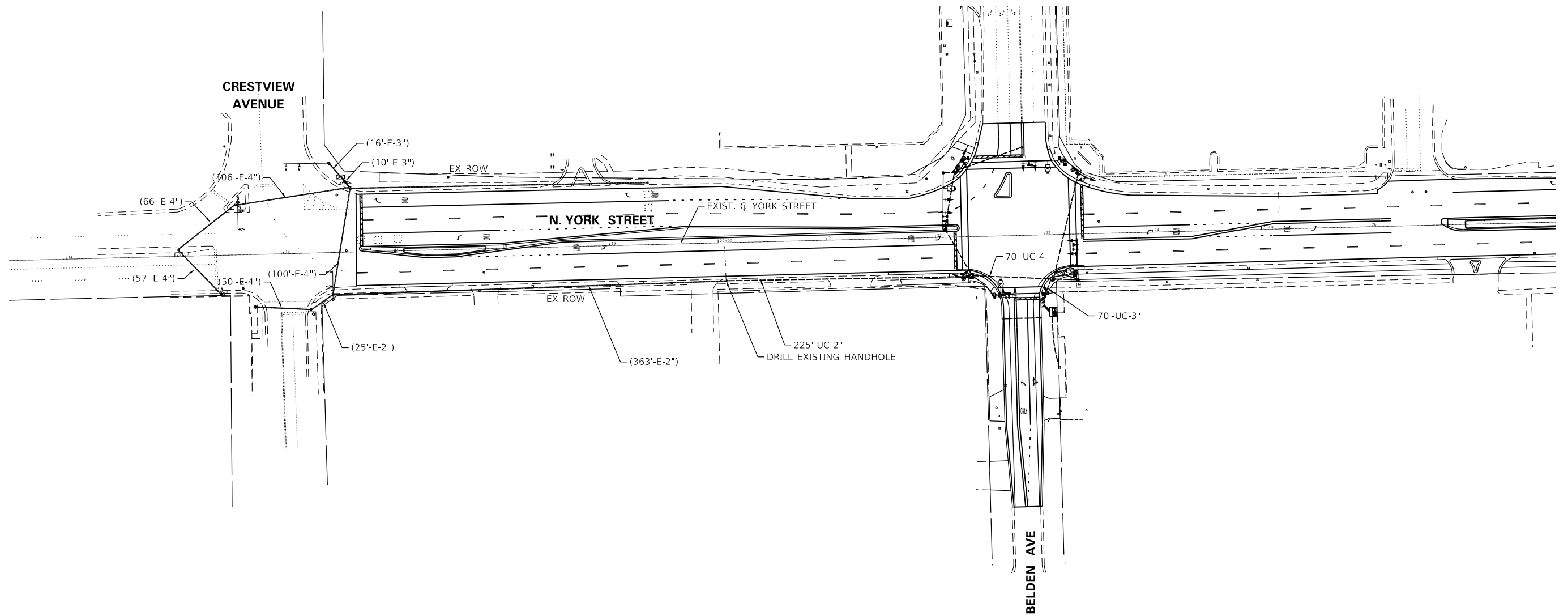
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	PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>NORTH YORK STREET - ROADWAY REHABILITATION TEMPORARY INTERCONNECT PLAN</b>			
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. 15+00.00	TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	70
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				





USER NAME = cesario	DESIGNED - MTC	REVISED -
	DRAWN - MTC	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MTC	REVISED -
PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

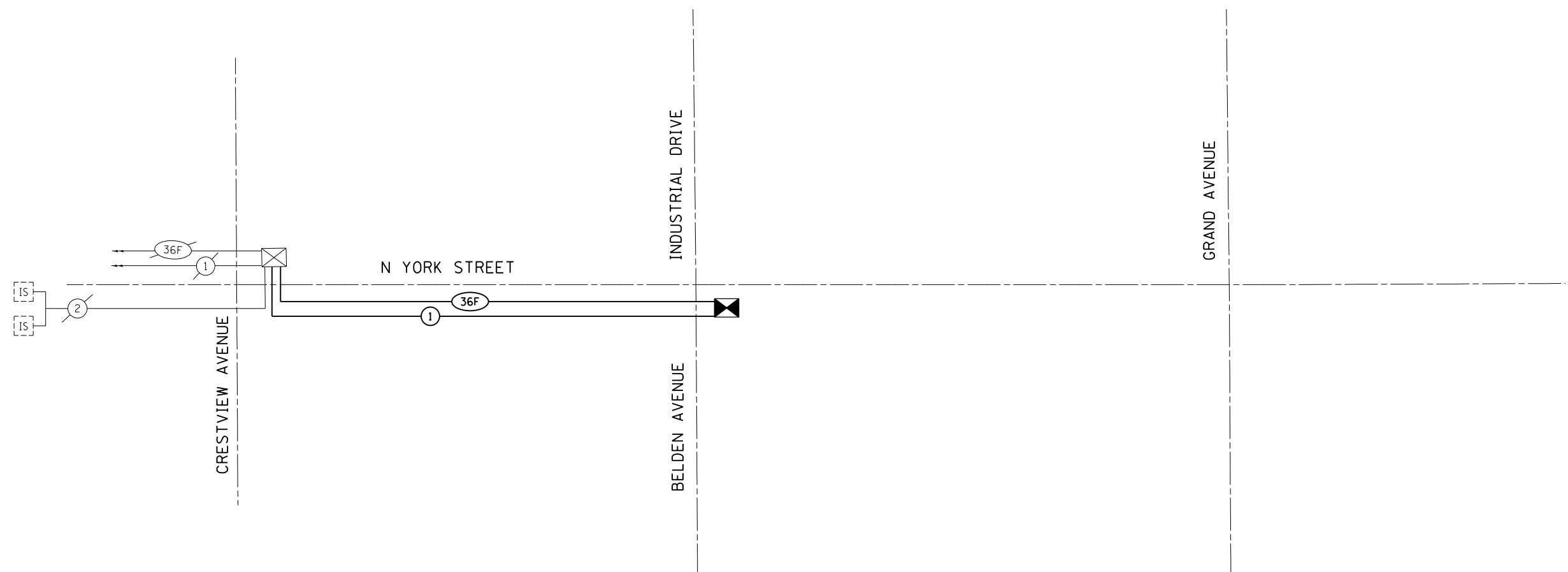
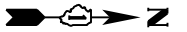
**NORTH YORK STREET - ROADWAY REHABILITATION  
PROPOSED INTERCONNECT PLAN**

SCALE: 1"=50'      SHEET 1 OF 1 SHEETS      STA. 15+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	72
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	285
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	823
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	465
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	823
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	2



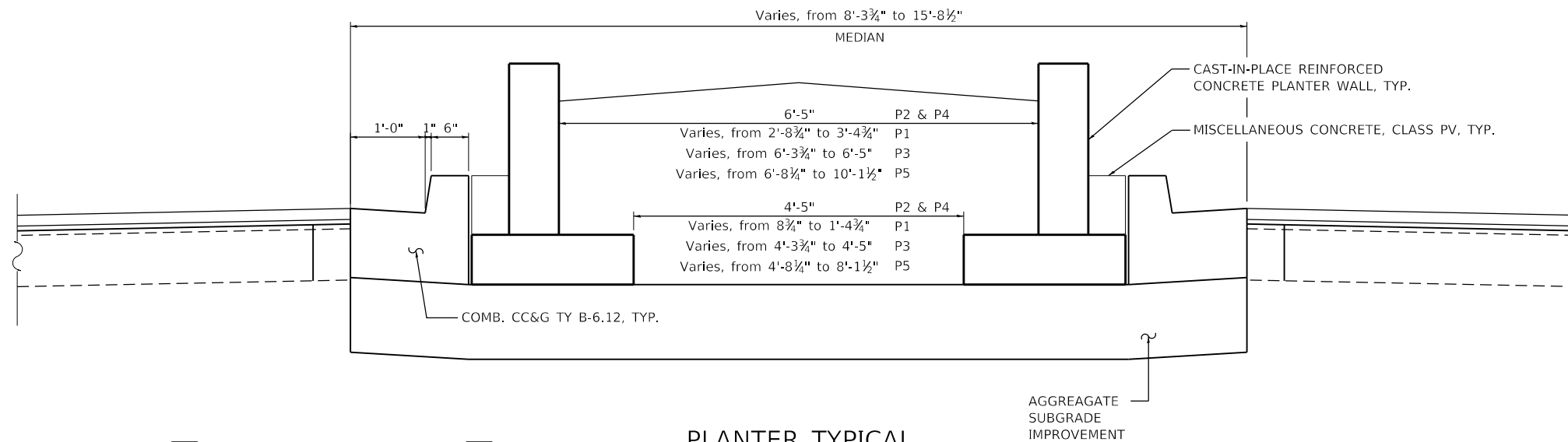
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	DRAWN - MTC	REVISED -
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PLOT DATE = 10/27/2022	DATE - 11/02/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES  
N YORK STREET  
N YORK STREET/CRESTVIEW AVE TO BELDEN AVE/INDUSTRIAL DR**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	73
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H91	



**PLANTER TYPICAL SECTION**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
CONCRETE STRUCTURES	CU YD	144.4
FORM LINER TEXTURED SURFACE	SQ FT	1,549
REINFORCEMENT BARS, EPOXY COATED	POUND	11,210
CONCRETE SEALER	SQ FT	3,919
MISCELLANEOUS CONCRETE	CU YD	23.3

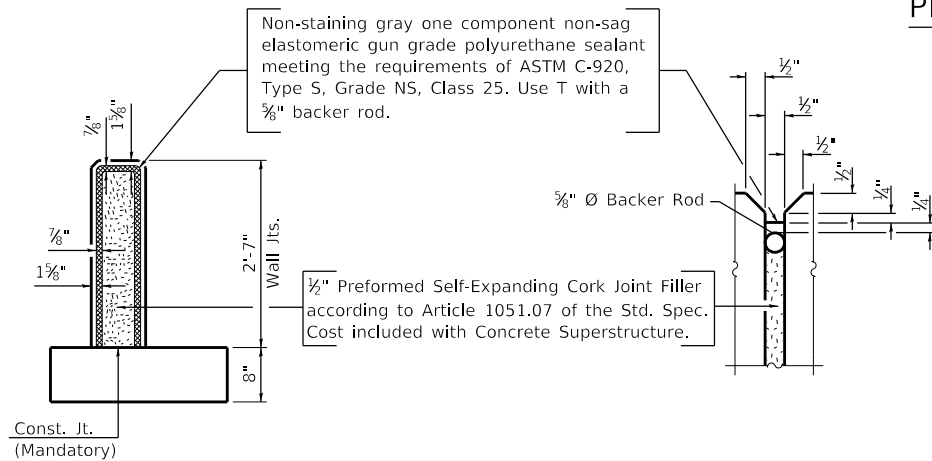
**GENERAL NOTES**

Reinforcement bars designated (E) shall be epoxy coated.  
Concrete sealer shall be applied to surfaces as shown on the planter wall typical section view, including the outside face of wall, top face of wall, inside face of wall, and top exposed face of miscellaneous concrete.

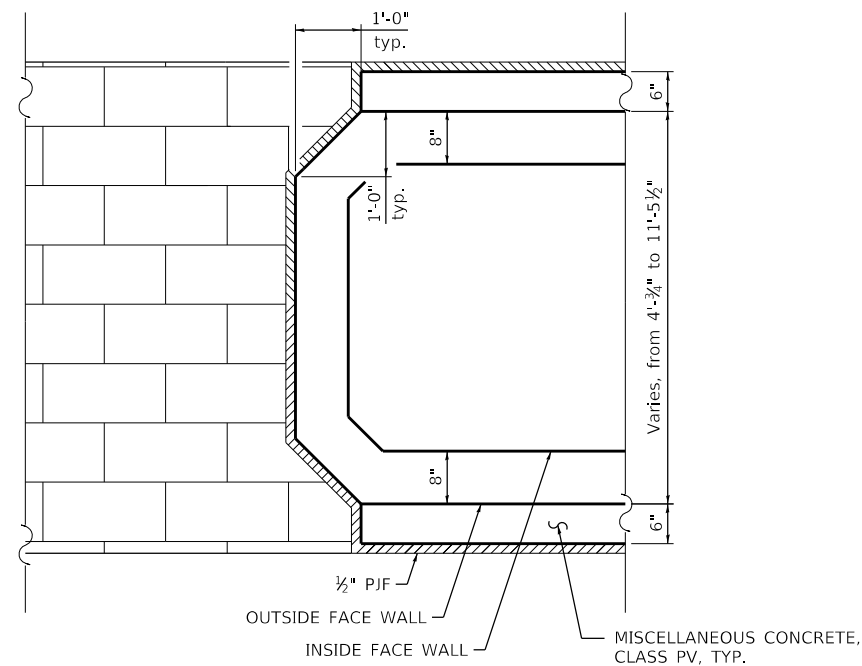
**DESIGN STRESSES**

**FIELD UNITS**

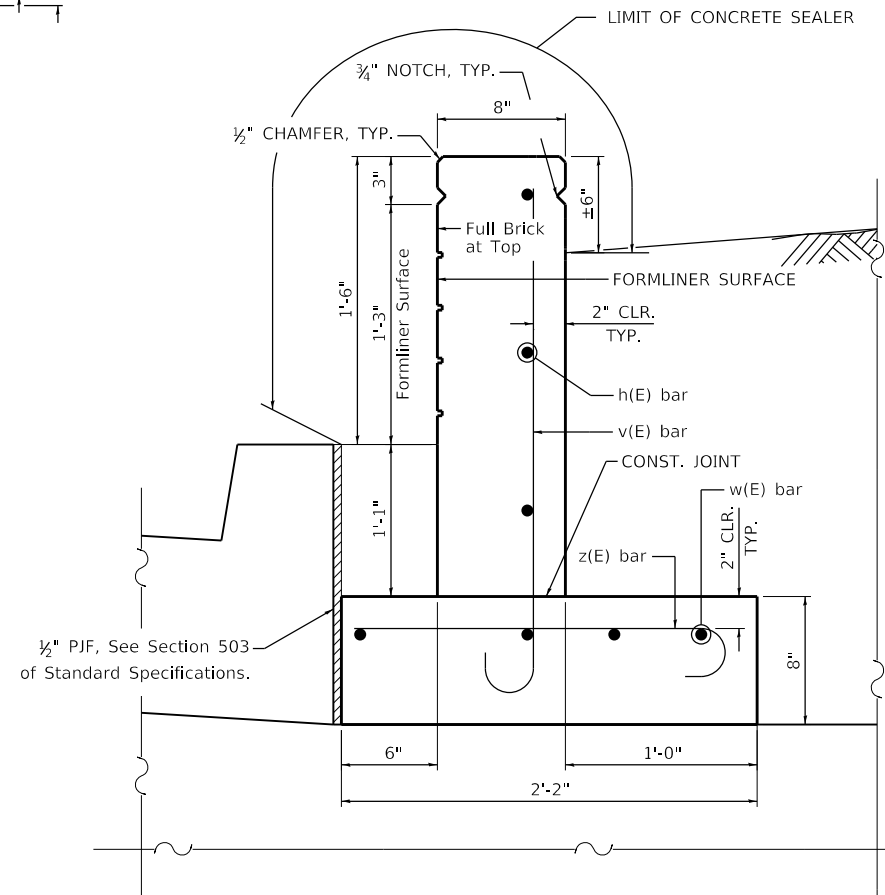
$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)



**WALL EXPANSION JOINT DETAILS**



**PLANTER TYPICAL WALL DETAIL**



**PLANTER WALL TYPICAL SECTION**



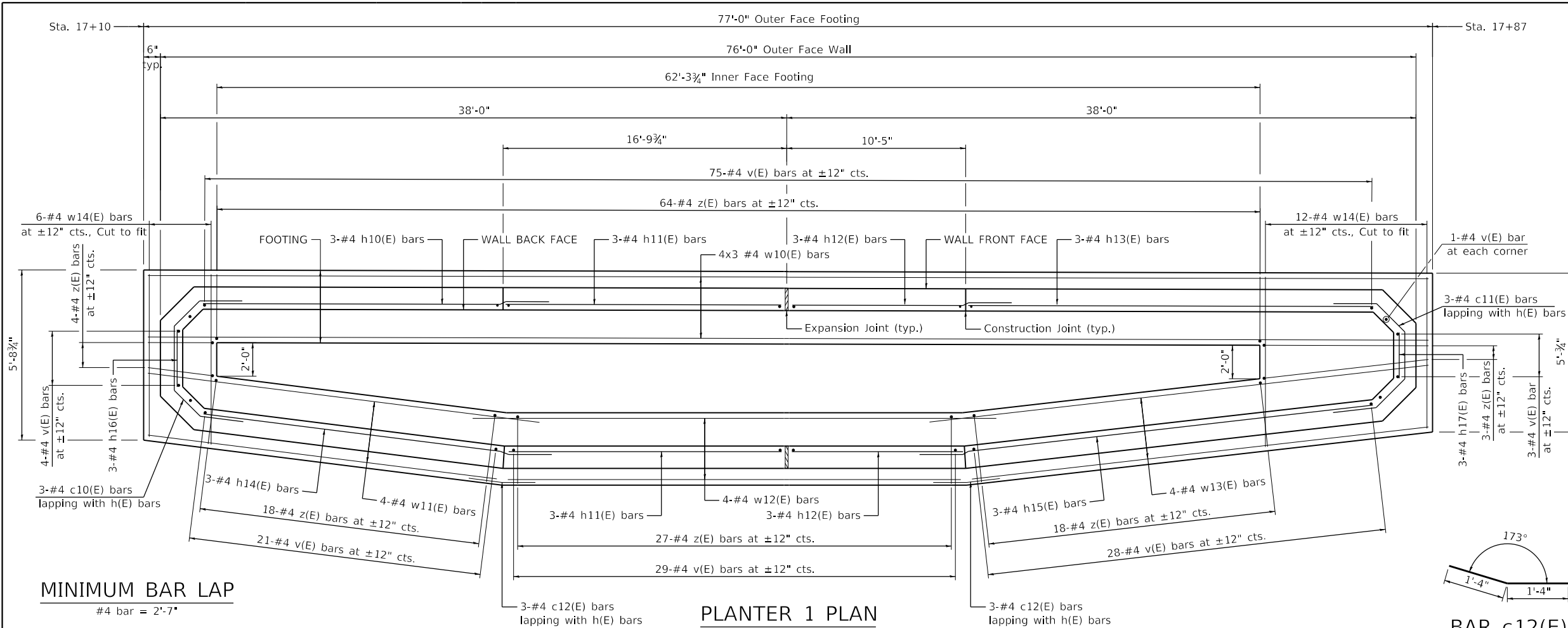
**FORM LINER TEXTURED DETAIL**

Note:  
Form liner textured surface is to be used on median planters, as indicated on the plans. Cost of form liner on median planters is paid for as "Form Liner Textured Surface". Work shall comply with Section 503 of the Standard Specifications.  
Provide pattern for stone surface utilizing the following specifications:

MAXIMUM RELIEF	1 1/2"
AVERAGE RELIEF	1 1/4"
LINER THICKNESS	2 1/2"
STONE SIZE	2"x5" - 10"x20"

**CONSTRUCTION SEQUENCE**

- 1) Construct curb and gutter.
- 2) Construct cast-in-place reinforced concrete planter wall.
- 3) Construct 6" miscellaneous concrete section. See planter typical wall detail.
- 4) Construct stamped median. See roadway sheets.

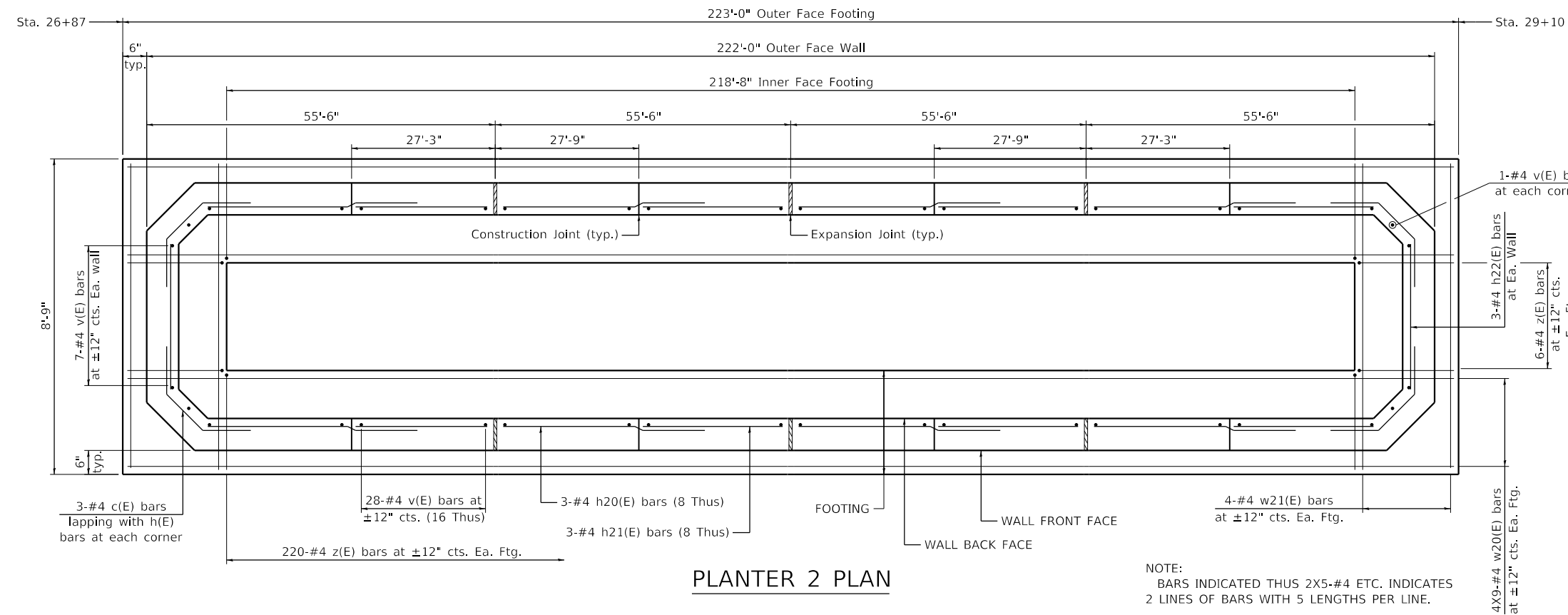
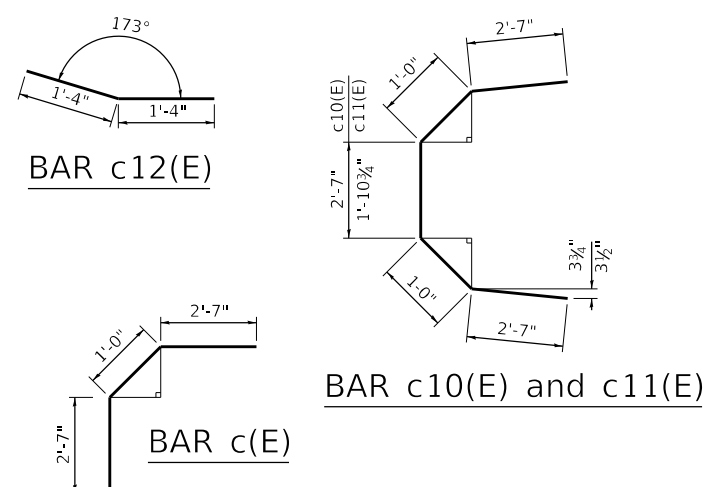


**MINIMUM BAR LAP**  
#4 bar = 2'-7"

**PLANTER 1 PLAN**

**PLANTER 1  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
c10(E)	3	#4	9'-9"	
c11(E)	3	#4	9'-1"	
c12(E)	6	#4	2'-8"	
h10(E)	3	#4	22'-11"	
h11(E)	6	#4	16'-5"	
h12(E)	6	#4	12'-8"	
h13(E)	3	#4	26'-5"	
h14(E)	3	#4	22'-8"	
h15(E)	3	#4	29'-2"	
h16(E)	3	#4	2'-3"	
h17(E)	3	#4	1'-7"	
v(E)	164	#4	3'-5"	┌
w10(E)	12	#4	27'-4"	
w11(E)	4	#4	21'-4"	
w12(E)	4	#4	27'-2"	
w13(E)	4	#4	27'-9"	
w14(E)	18	#4	6'-0"	
z(E)	134	#4	2'-4"	┌
REINFORCEMENT BARS, EPOXY COATED			LB	1,460
CONCRETE STRUCTURES			CU YD	18.9
FORM LINER			SQ FT	200
TEXTURED SURFACE			SQ FT	505
CONCRETE SEALER			SQ FT	505
MISCELLANEOUS CONCRETE			CU YD	3.0



**PLANTER 2 PLAN**

NOTE:  
BARS INDICATED THUS 2X5-#4 ETC. INDICATES 2 LINES OF BARS WITH 5 LENGTHS PER LINE.

**PLANTER 2  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h20(E)	24	#4	30'-4"	
h21(E)	24	#4	26'-11"	
h22(E)	6	#4	5'-3"	
v(E)	466	#4	3'-5"	┌
w20(E)	72	#4	27'-1"	
w21(E)	8	#4	8'-5"	
z(E)	452	#4	2'-4"	┌
REINFORCEMENT BARS, EPOXY COATED			LB	4,110
CONCRETE STRUCTURES			CU YD	53.4
FORM LINER			SQ FT	572
TEXTURED SURFACE			SQ FT	1,449
CONCRETE SEALER			SQ FT	1,449
MISCELLANEOUS CONCRETE			CU YD	8.9



USER NAME = dkierpiec	DESIGNED - KN	REVISED -
PLOT SCALE =	DRAWN - KN	REVISED -
PLOT DATE = 9/30/2022	CHECKED - JJI	REVISED -
	DATE - 06/29/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

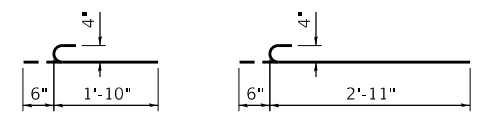
**NORTH YORK STREET - ROADWAY REHABILITATION  
MEDIAN PLANTER - PLANTER 1-2**

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

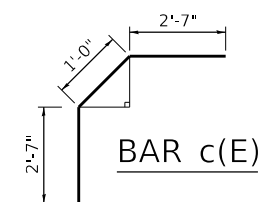
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	75
CONTRACT NO. 61H91			ILLINOIS FED. AID PROJECT	

**PLANTER 3  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h30(E)	12	#4	23'-7"	
h31(E)	12	#4	20'-6"	
h32(E)	6	#4	5'-3"	
v(E)	194	#4	3'-5"	
w30(E)	32	#4	23'-8"	
w31(E)	4	#4	8'-4"	
w32(E)	4	#4	8'-5"	
z(E)	180	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED			LB	1,700
CONCRETE STRUCTURES			CU YD	21.5
FORM LINER			SQ FT	232
TEXTURED SURFACE			SQ FT	587
MISCELLANEOUS CONCRETE			CU YD	3.4



**BAR z(E)      BAR v(E)**



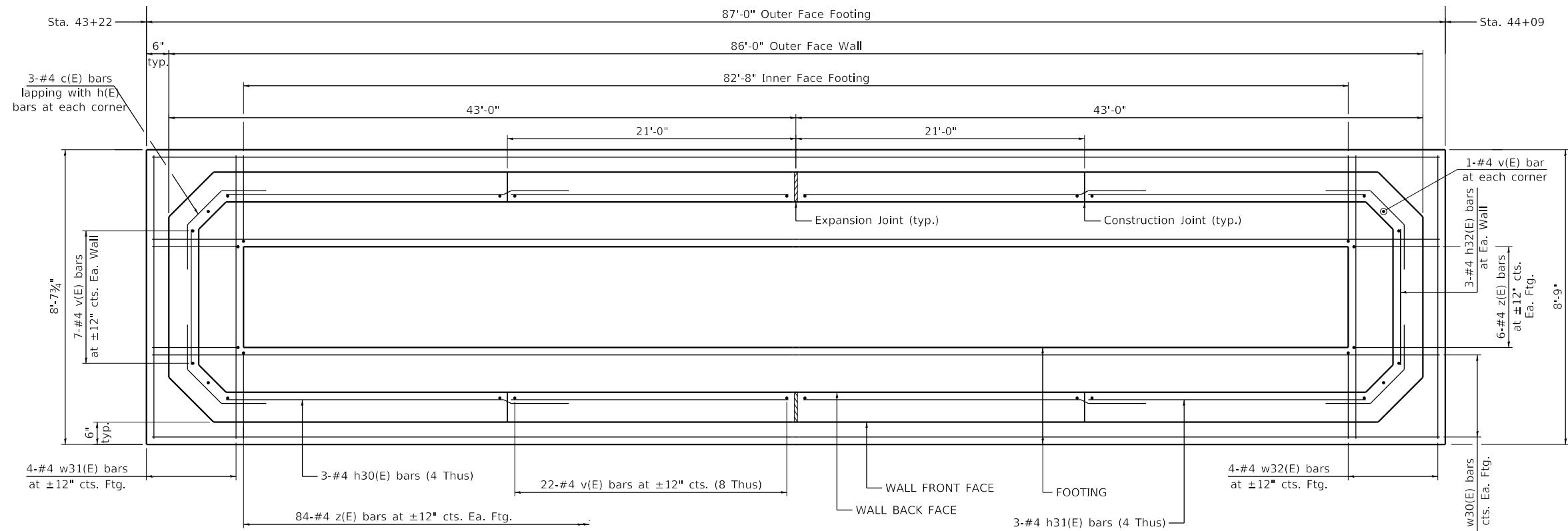
**BAR c(E)**

**PLANTER 4  
BILL OF MATERIAL**

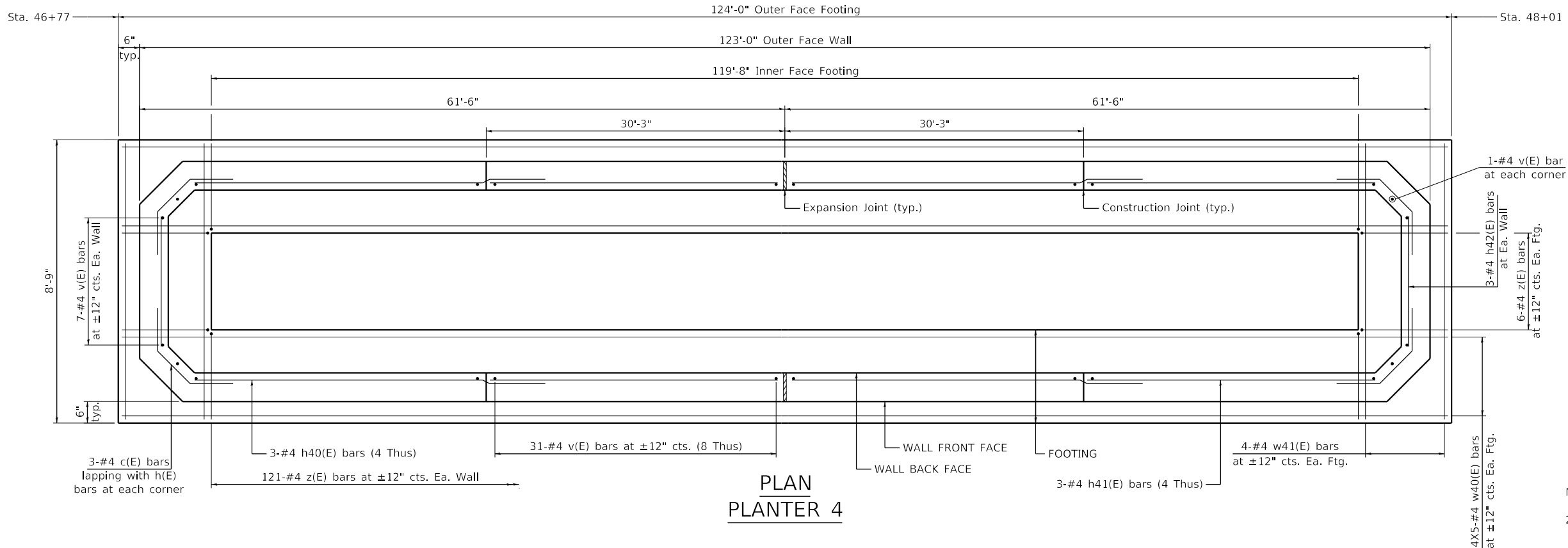
BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h40(E)	12	#4	32'-10"	
h41(E)	12	#4	29'-9"	
h42(E)	6	#4	5'-3"	
v(E)	266	#4	3'-5"	
w40(E)	40	#4	26'-10"	
w41(E)	8	#4	8'-5"	
z(E)	254	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED			LB	2,340
CONCRETE STRUCTURES			CU YD	30.2
FORM LINER			SQ FT	325
TEXTURED SURFACE			SQ FT	822
MISCELLANEOUS CONCRETE			CU YD	4.9

**MINIMUM BAR LAP**  
#4 bar = 2'-7"

NOTE:  
BARS INDICATED THUS 2X5-#4 ETC. INDICATES  
2 LINES OF BARS WITH 5 LENGTHS PER LINE.



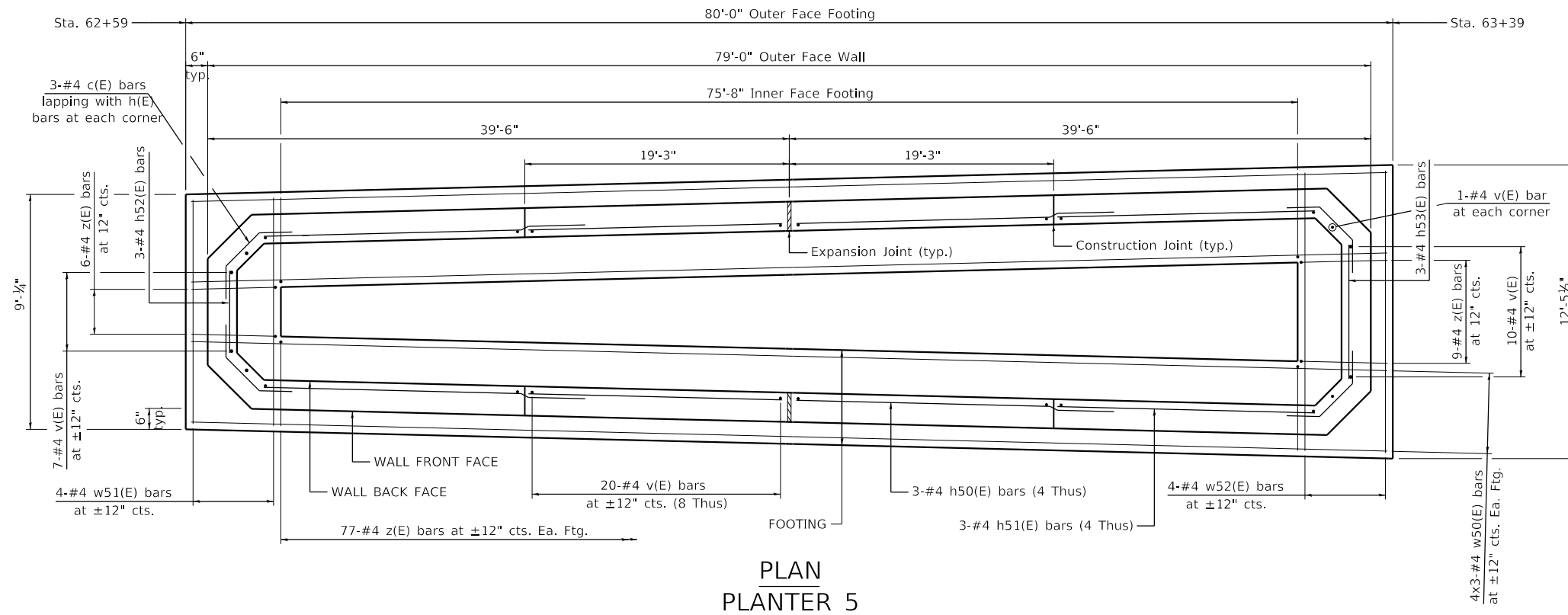
**PLAN  
PLANTER 3**



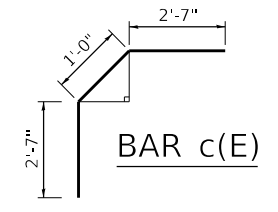
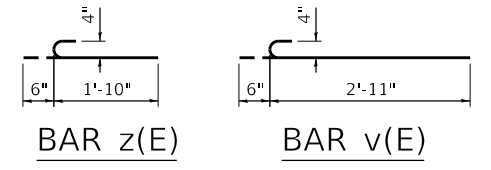
**PLAN  
PLANTER 4**

**PLANTER 5  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
c(E)	12	#4	6'-2"	
h50(E)	12	#4	21'-10"	
h51(E)	12	#4	18'-9"	
h52(E)	3	#4	5'-8"	
h53(E)	3	#4	8'-11"	
v(E)	181	#4	3'-5"	
w50(E)	24	#4	28'-4"	
w51(E)	4	#4	8'-9"	
w52(E)	4	#4	12'-1"	
z(E)	169	#4	2'-4"	
REINFORCEMENT BARS, EPOXY COATED		LB	1,600	
CONCRETE STRUCTURES		CU YD	20.4	
FORM LINER		SQ FT	220	
TEXTURED SURFACE		SQ FT	556	
CONCRETE SEALER		SQ FT	556	
MISCELLANEOUS CONCRETE		CU YD	3.1	

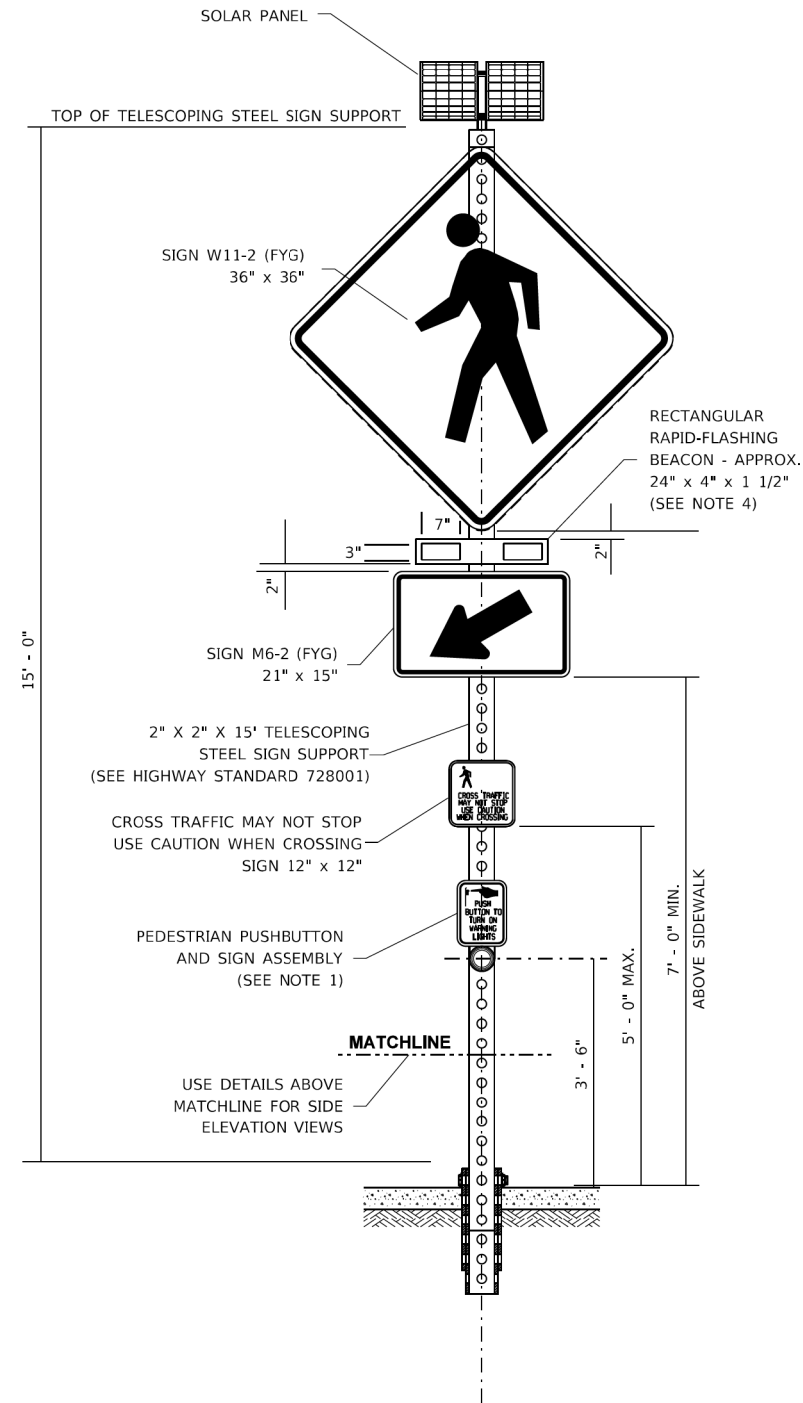


**PLAN  
PLANTER 5**

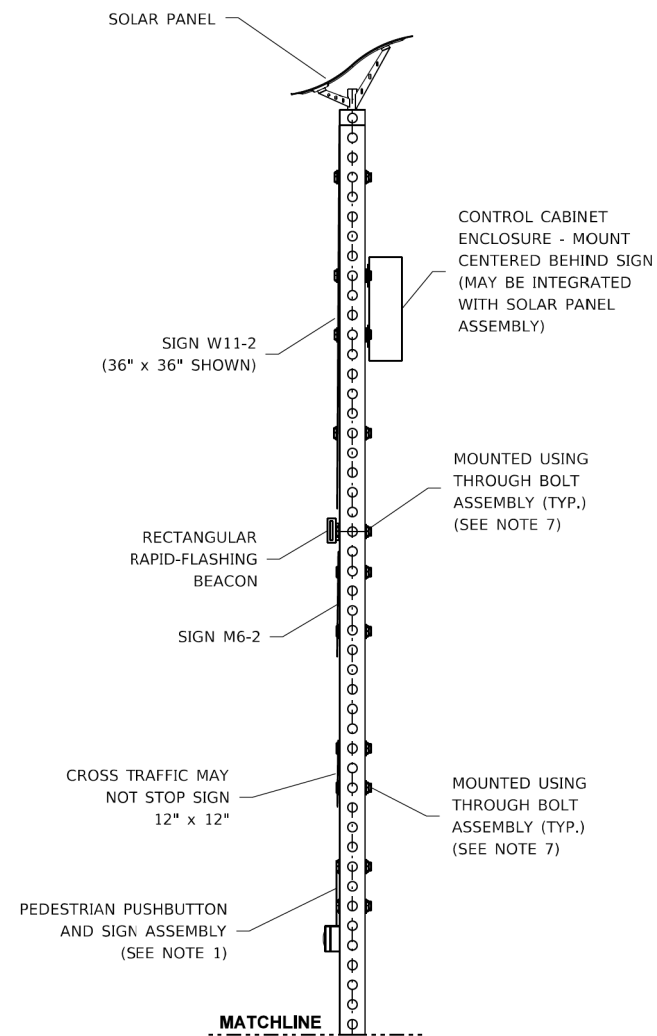


**MINIMUM BAR LAP**  
#4 bar = 2'-7"

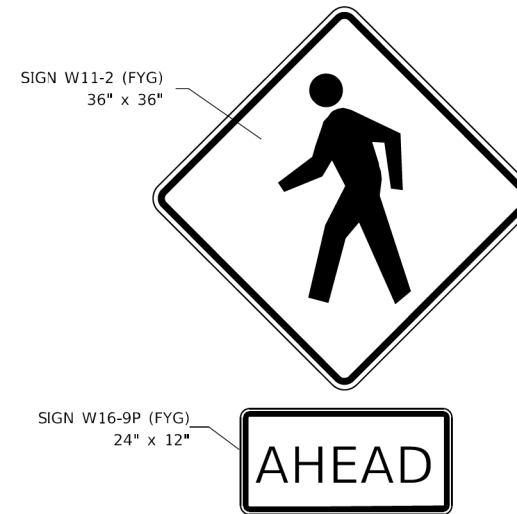
NOTE:  
BARS INDICATED THUS 2X5-#4 ETC. INDICATES  
2 LINES OF BARS WITH 5 LENGTHS PER LINE.



**FRONT ELEVATION VIEW**  
**RAPID-FLASHING BEACON**  
**BETWEEN KELLEY AND ROY ST**



**SIDE ELEVATION VIEW**  
**UNI-DIRECTIONAL CONFIGURATION**  
**DETAILS**



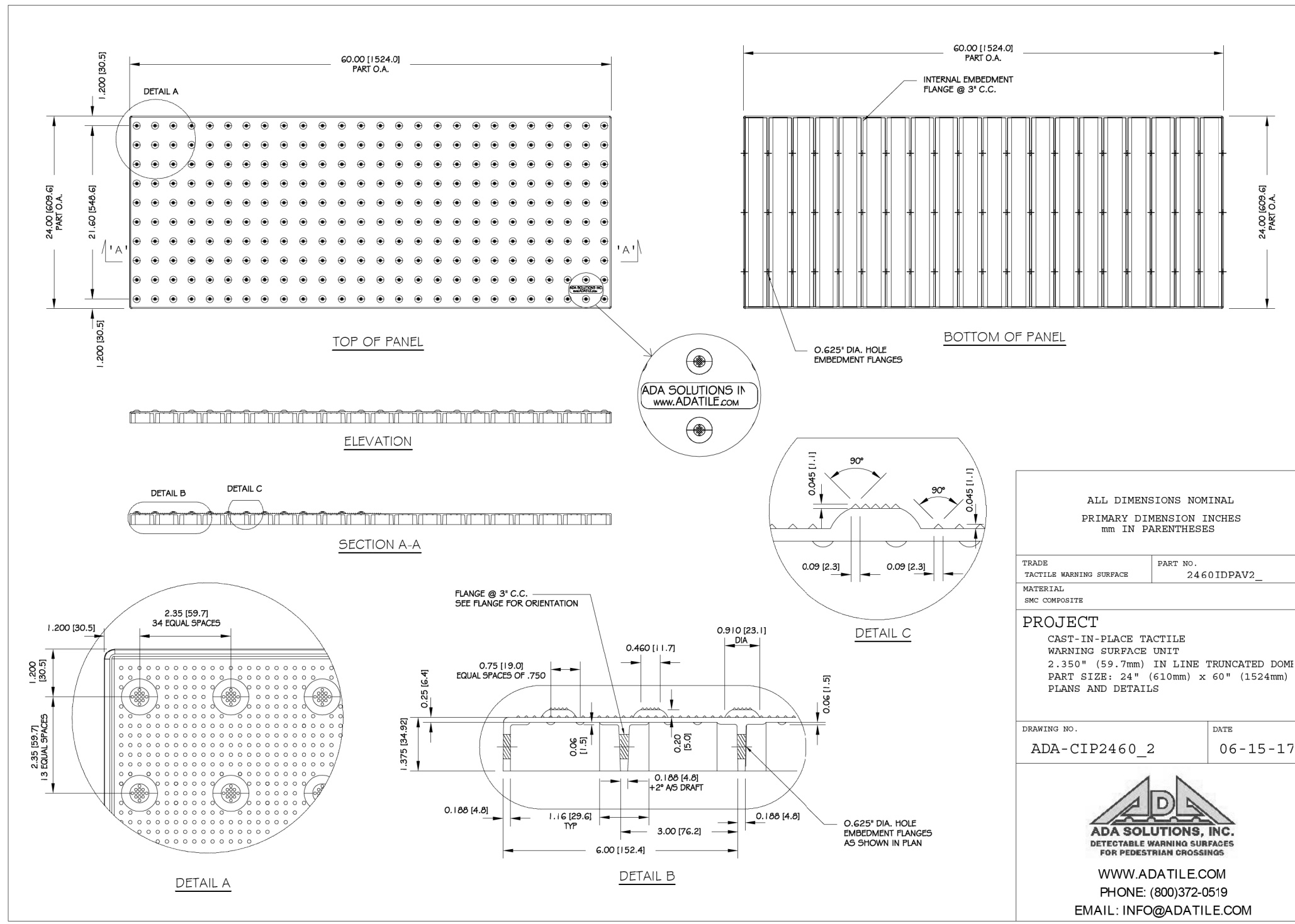
**ADVANCED WARNING SIGN ASSEMBLY**




**CROSS TRAFFIC MAY NOT STOP**  
**USE CAUTION WHEN CROSSING**  
**SIGN (12" x 12")**  
**PEDESTRIAN SYMBOL HEIGHT - 4" (IN)**  
**LETTERS - 1" C**  
**LEGEND - BLACK**  
**BACKGROUND - YELLOW**

**NOTES:**

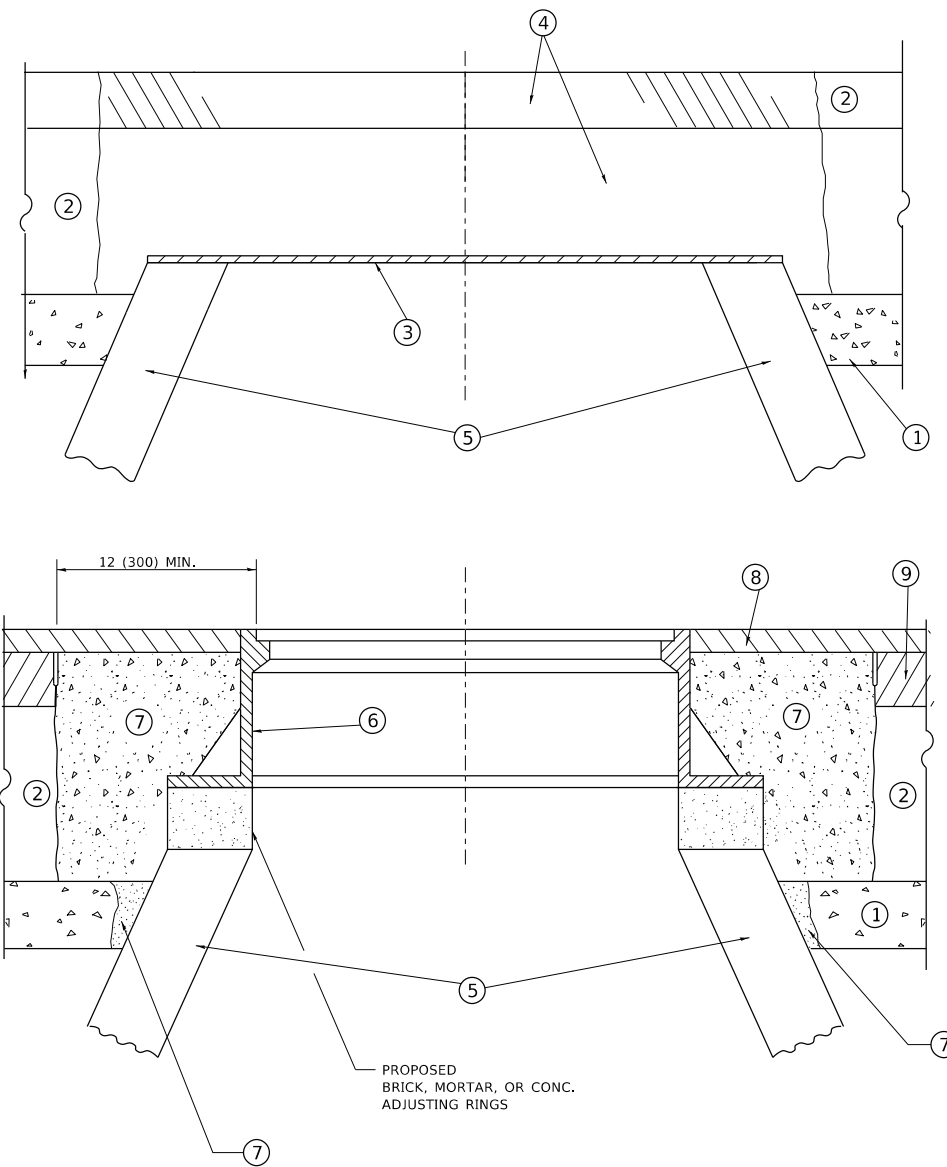
1. INTEGRATED PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY. PUSHBUTTON SIGN SHALL BE 9" (IN) X 12" (IN) R10-25 SIGN IN ACCORDANCE WITH THE 2009 MUTCD.
2. ALL SIGNS SHALL BE CONSTRUCTED WITH DIAMOND GRADE REFLECTIVE SHEETING IN ACCORDANCE WITH SECTIONS 720 AND 1091 OF THE STANDARD SPECIFICATIONS.
3. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RFB MANUFACTURER AS REQUIRED TO HOUSE CONTROLLER AND COMPONENTS. THE CONTROLLER CABINET MAY BE INTEGRATED INTO THE SOLAR PANEL ASSEMBLY.
4. BEACON ASSEMBLY SHALL BE MOUNTED ON THE SIDE OF THE POLE OR ON THE TOP OF THE POLE. A SOLAR POWER UNIT MAY BE INSTALLED ON TOP OF THE MOUNT.
5. RRFB DISPLAYS SHALL BE LED TYPE MEETING THE INTENSITY REQUIREMENTS OF SAE J595 FOR CLASS 1 YELLOW. BUT SHALL NOT EXCEED 1000 CANDELAS DURING DAYLIGHT AND 500 CANDELAS AFTER DARK.
6. SEE HIGHWAY STANDARD 728001 (TELESCOPING STEEL SIGN SUPPORT)
7. SEE HIGHWAY STANDARD 720001 (SIGN PANEL MOUNTING DETAILS)
8. RECTANGULAR FLASHER SHOP DRAWINGS SHALL BE SUBMITTED TO OPERATIONS FOR REVIEW.



TRADE TACTILE WARNING SURFACE		PART NO. 2460 IDPAV2_	
MATERIAL SMC COMPOSITE			
<b>PROJECT</b> CAST-IN-PLACE TACTILE WARNING SURFACE UNIT 2.350" (59.7mm) IN LINE TRUNCATED DOME PART SIZE: 24" (610mm) x 60" (1524mm) PLANS AND DETAILS			
DRAWING NO. ADA-CIP2460_2		DATE 06-15-17	
 <b>ADA SOLUTIONS, INC.</b> DETECTABLE WARNING SURFACES FOR PEDESTRIAN CROSSINGS WWW.ADATILE.COM PHONE: (800)372-0519 EMAIL: INFO@ADATILE.COM			

USER NAME = cesario	DESIGNED - MTC	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - MTC	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	79
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT  
WITH MILLING**

**NOTES**

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS\*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- |  |                               |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS*PP-1 CONCRETE         |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**LOCATION OF STRUCTURES**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT**

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: D:\mch\...  
FILE: NAME: WCD\BTR0223\310b08.dgn

USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 03-09-11
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

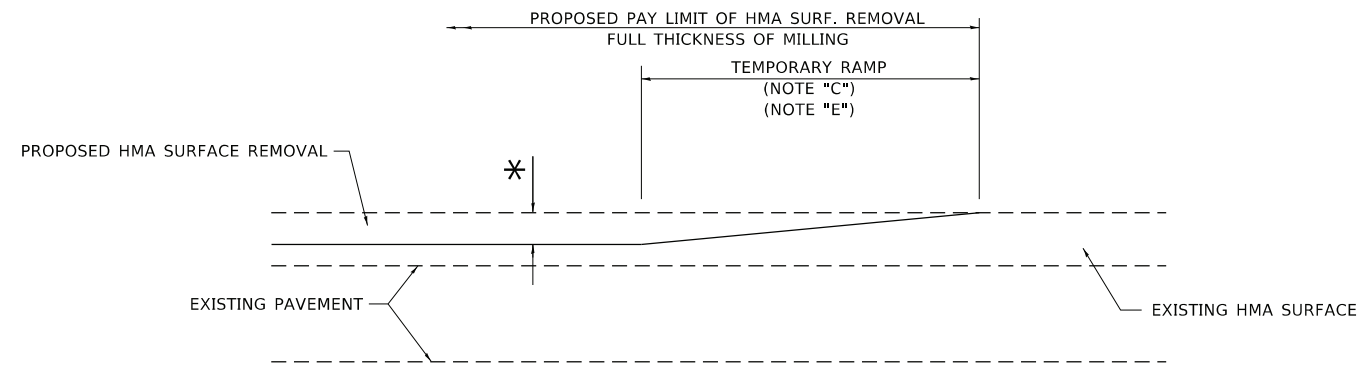
**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	80
BD600-03 (BD-08)		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				

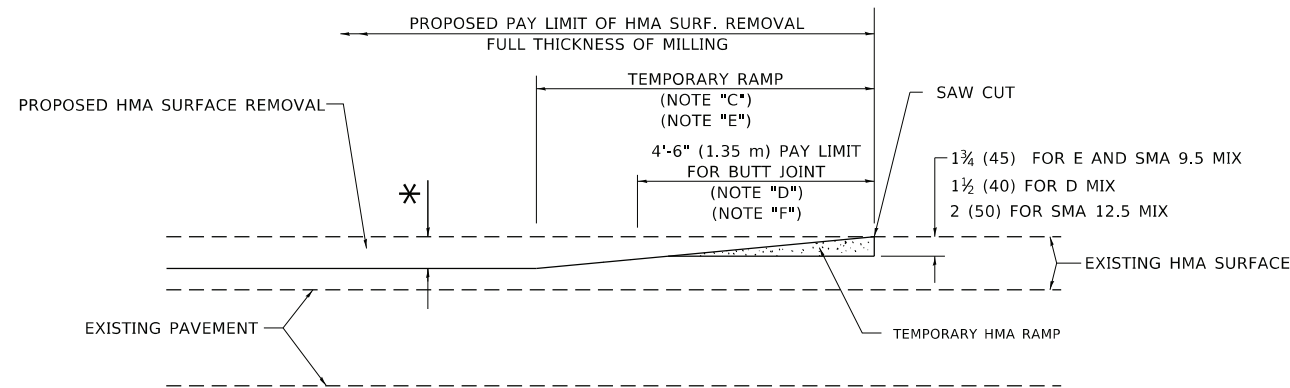






**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

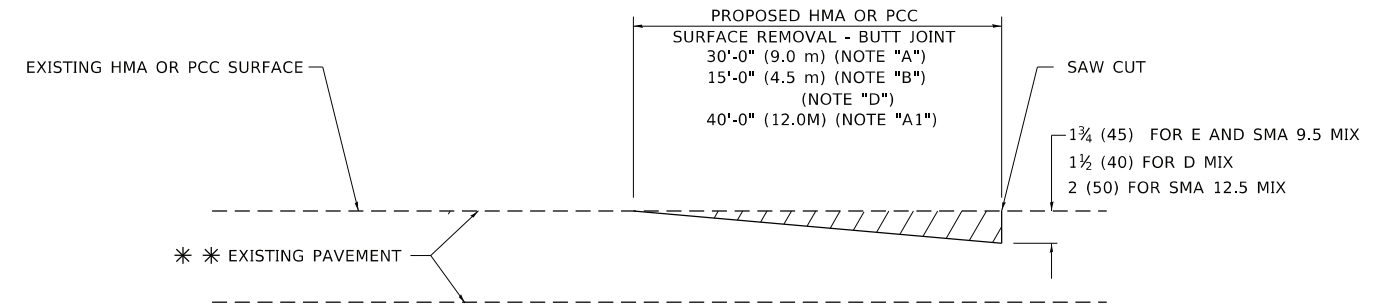
**OPTION 1**



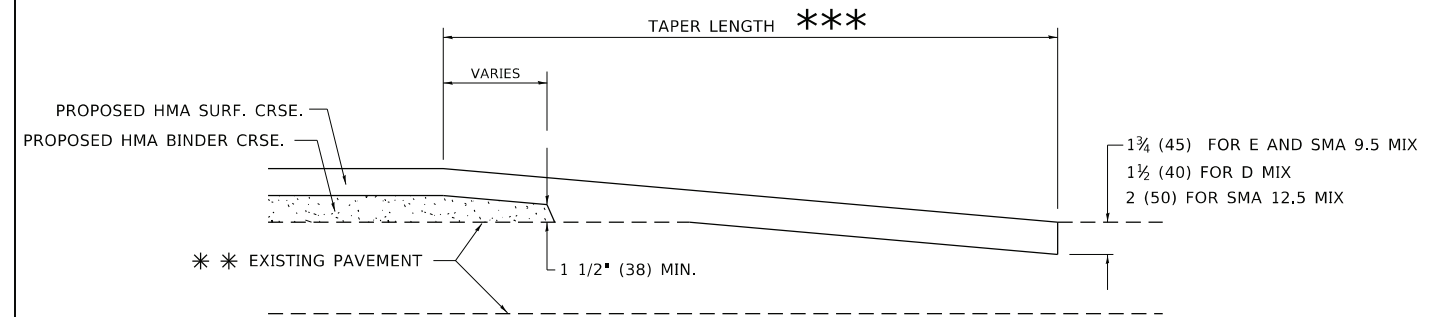
**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

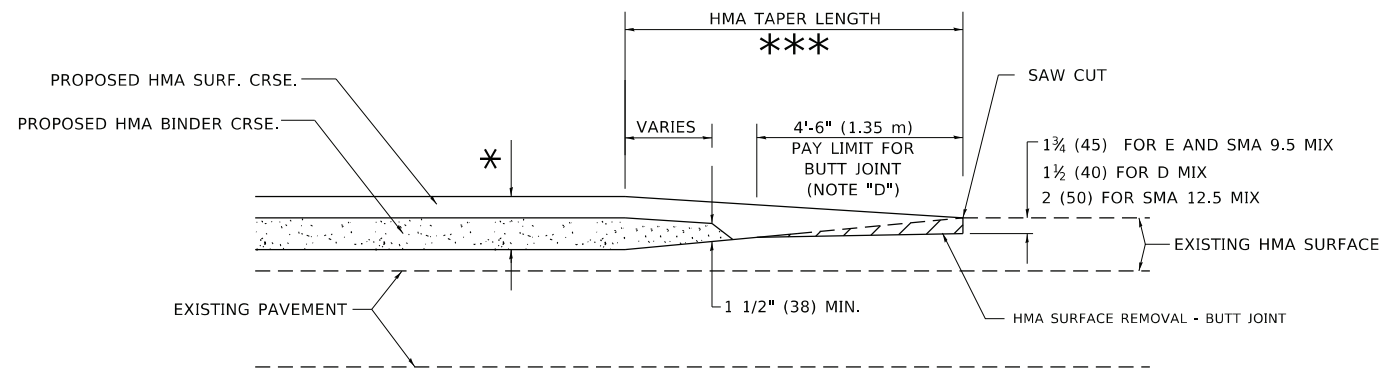
**GENERAL NOTES**

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

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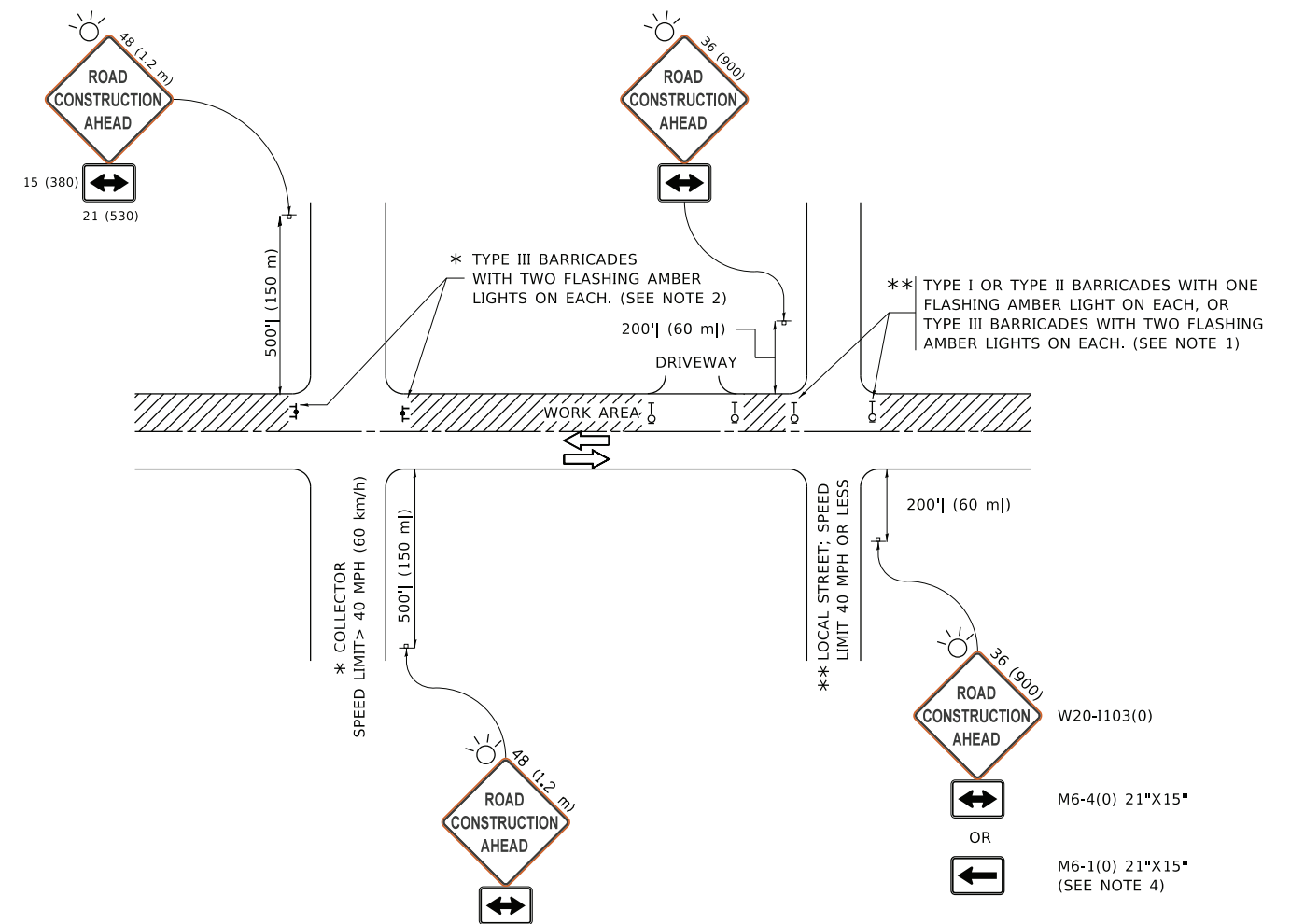
USER NAME = demanchelt	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	82
BD400-05 BD-32		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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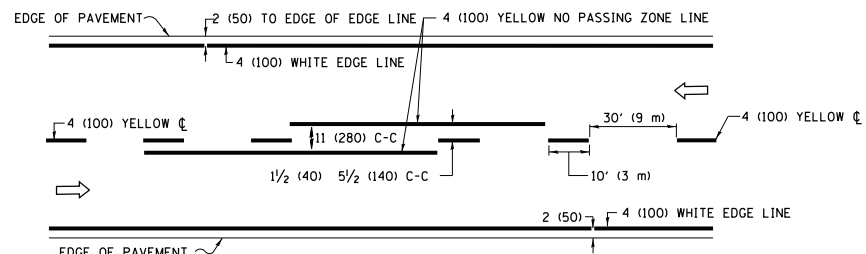
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

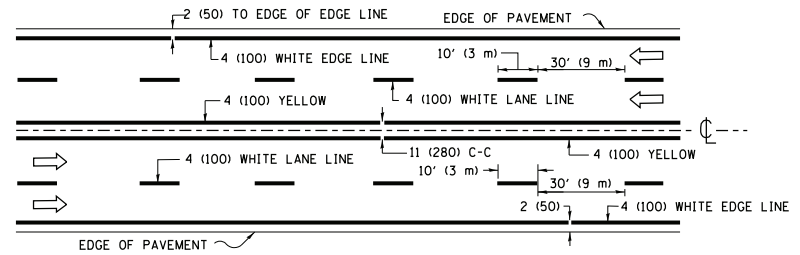
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

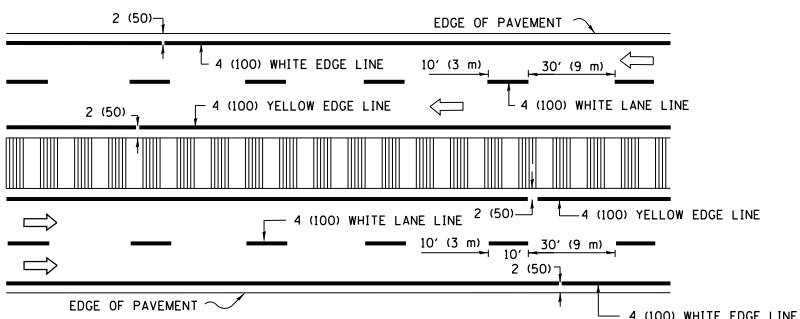
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-RS	DUPAGE	88	83
TC-10		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

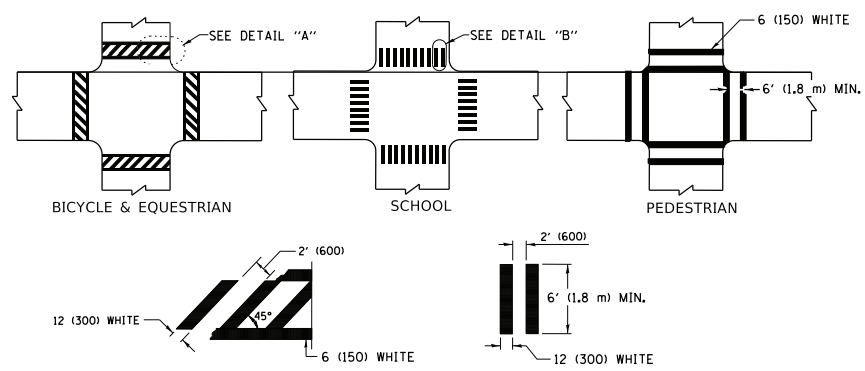


**MULTI-LANE UNDIVIDED**



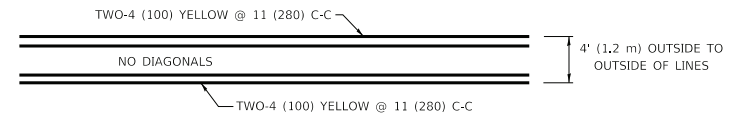
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

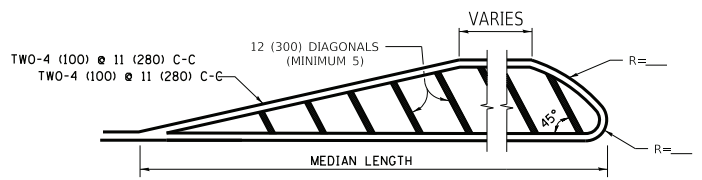


**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

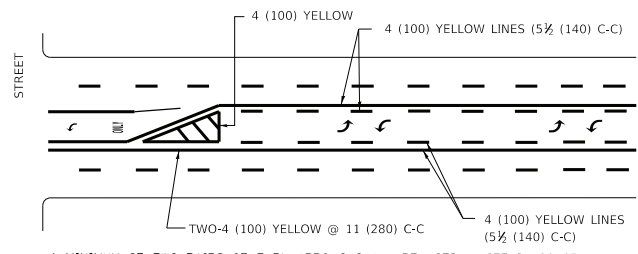


**4' (1.2 m) WIDE MEDIANS ONLY**

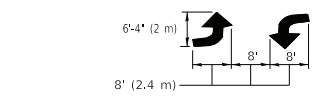


**MEDIANS OVER 4' (1.2 m) WIDE**

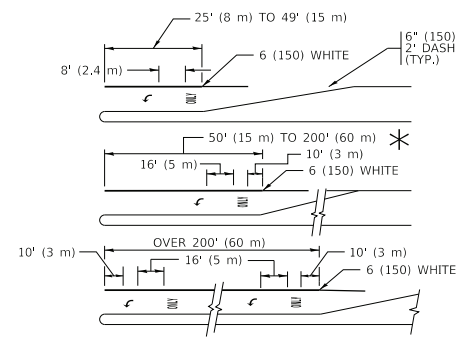
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

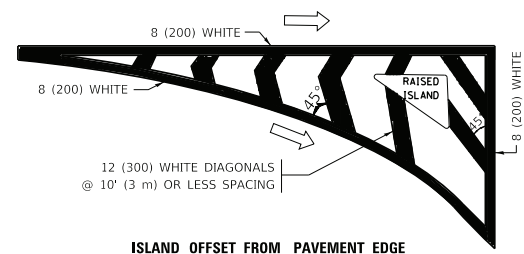


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

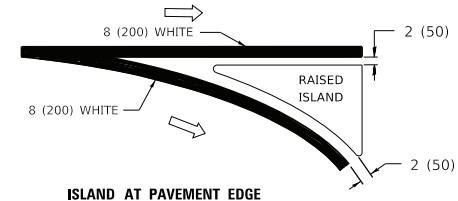


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

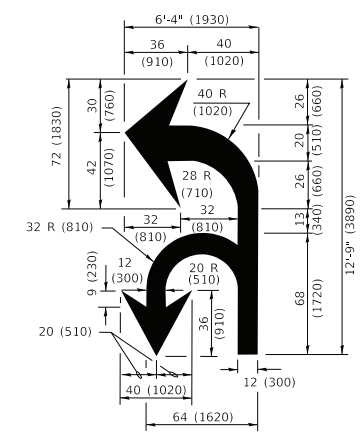
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



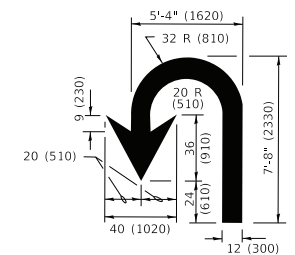
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**  
\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

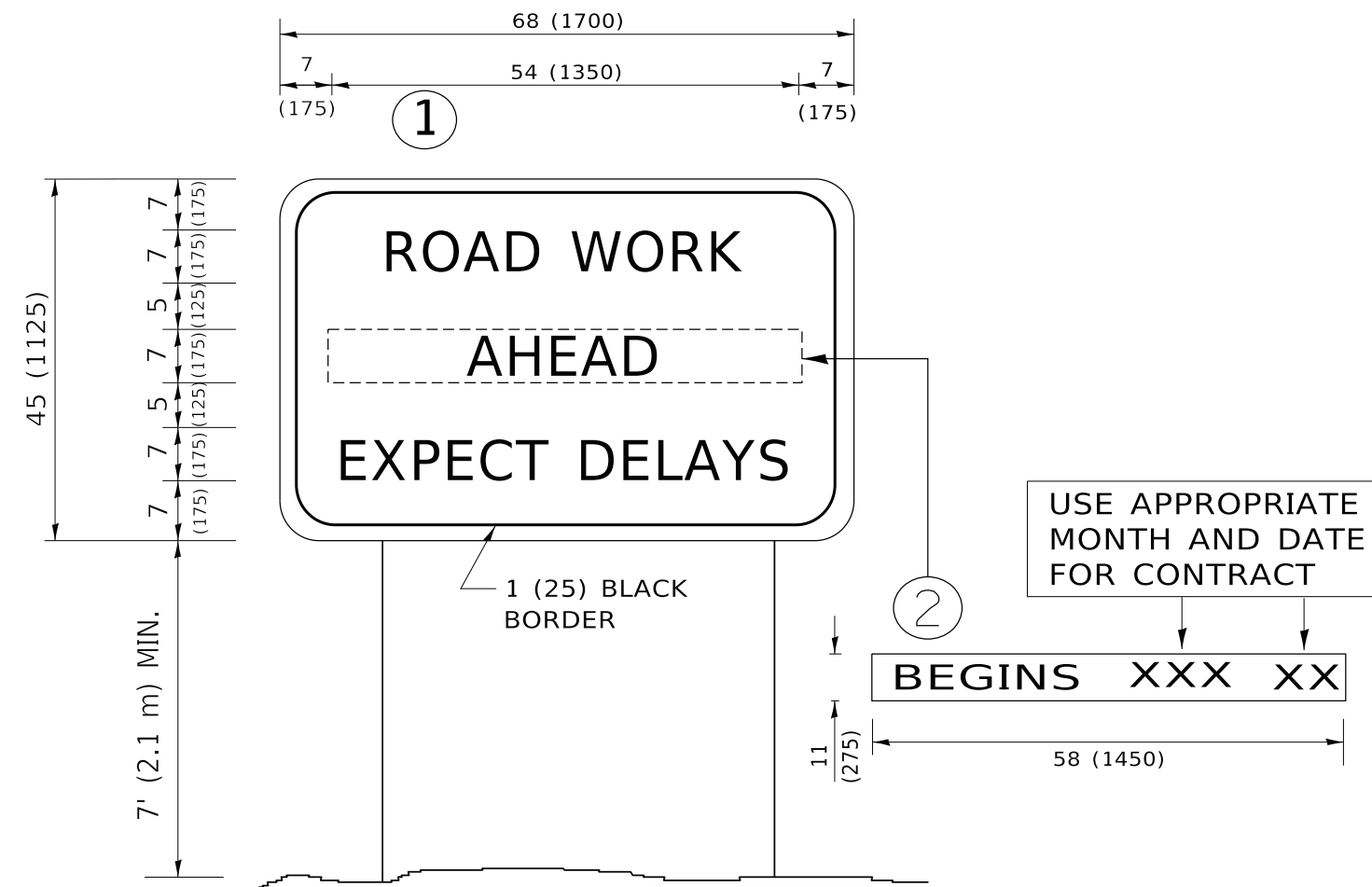
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PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL PAVEMENT MARKINGS</b>		2678	20-00198-00-RS	DUPAGE	88	84
SCALE: NONE		TC-13		CONTRACT NO. 61H91		
SHEET 1	OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		





**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

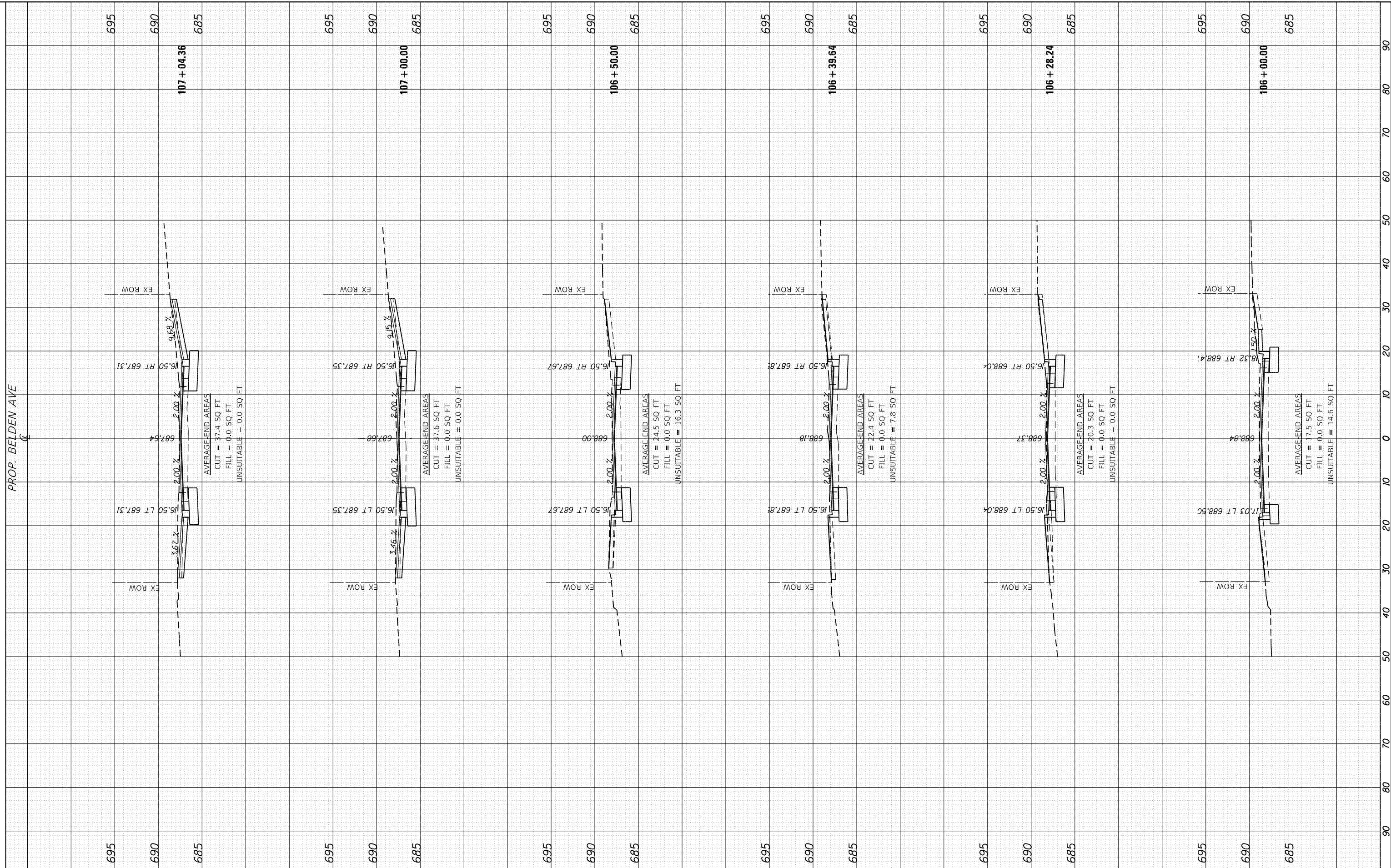
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-22		CONTRACT NO. 61H91		
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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PROP. BELDEN AVE

EX ROW

EX ROW

AVERAGE END AREAS  
 CUT = 37.4 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 0.0 SQ FT

AVERAGE END AREAS  
 CUT = 37.6 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 0.0 SQ FT

AVERAGE END AREAS  
 CUT = 24.5 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 16.3 SQ FT

AVERAGE END AREAS  
 CUT = 22.4 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 7.8 SQ FT

AVERAGE END AREAS  
 CUT = 20.3 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 0.0 SQ FT

AVERAGE END AREAS  
 CUT = 17.5 SQ FT  
 FILL = 0.0 SQ FT  
 UNSUITABLE = 14.6 SQ FT

USER NAME	= cesario
DESIGNED	- DFM
DRAWN	- DFM
CHECKED	- MTC
DATE	- 11/02/2022
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

DESIGNED	- DFM
DRAWN	- DFM
CHECKED	- MTC
DATE	- 11/02/2022
REVISIONS	
REVISED	-
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DESIGNED	- DFM
DRAWN	- DFM
CHECKED	- MTC
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DRAWN	- DFM
CHECKED	- MTC
DATE	- 11/02/2022
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

KANE COUNTY  
 DIVISION OF TRANSPORTATION

NORTH YORK STREET - ROADWAY REHABILITATION  
 CROSS SECTIONS - BELDEN AVENUE

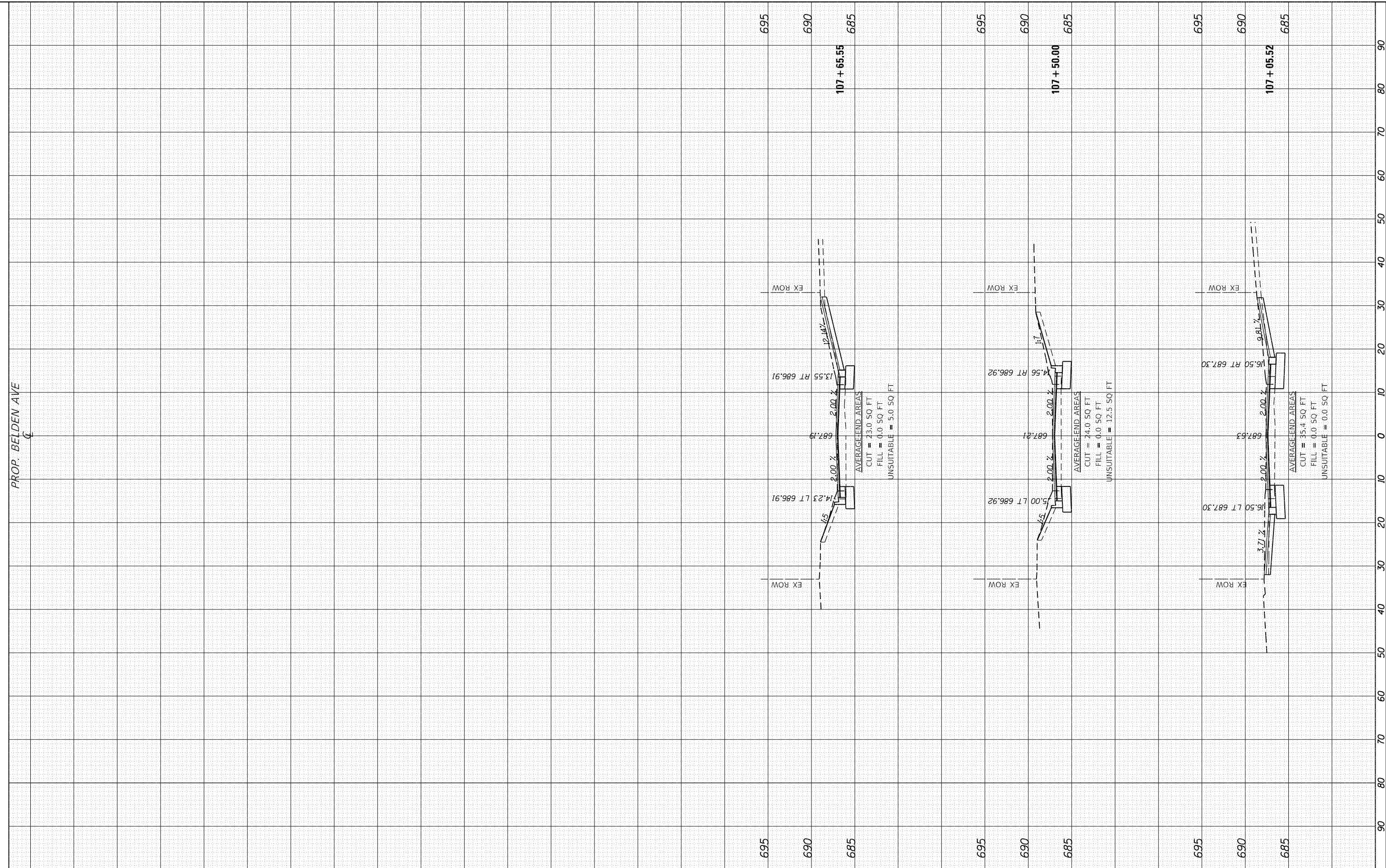
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	20-00198-00-R5	DUPAGE	88	87
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				

SCALE: 1:10H 1:5V SHEET 1 OF 2 SHEETS STA. 106+00.00 TO STA. 107+04.36

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PROP. BELDEN AVE

**BLA, Inc.**  
ITASCA, ILLINOIS

USER NAME = cesario	DESIGNED - DFM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DFM	REVISED -
PLOT DATE = 10/27/2022	CHECKED - MTC	REVISED -
	DATE - 11/02/2022	REVISED -

DESIGNED - DFM	REVISED -
DRAWN - DFM	REVISED -
CHECKED - MTC	REVISED -
DATE - 11/02/2022	REVISED -

**KANE COUNTY  
DIVISION OF TRANSPORTATION**

**NORTH YORK STREET - ROADWAY REHABILITATION  
CROSS SECTIONS - BELDEN AVENUE**

SCALE: 1:10H 1:5V SHEET 2 OF 2 SHEETS STA. 107+05.52 TO STA. 107+65.55

F.A.U. RTE. 2678	SECTION 20-00198-00-R5	COUNTY ILLINOIS	TOTAL SHEETS 88	SHEET NO. 88
CONTRACT NO. 61H91				
ILLINOIS FED. AID PROJECT				